INSTRUMENT PROCESSING SHEET

FDLE Florida Department of Law Enforcement

Agency FHP Orlando S/N 80-006635

Date In 12/19/2019 DI Completion Date 2/5/20 ☒Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake Performed By DP

- ☑ 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

FEB 10 2020

Alcohol Testing Program

Quality Checks Performed By DJ

- ☑ Breath Tube Screen
- ☒ Replace External O-Rings
- ☒ Instrument Set Up Verified
- ☒ R-Value 215
- ☒ Flow Verification (L/s)

Flow Column # ATP-102

32 mm	0.156	(.139 - .169)
36 mm	0.171	(.156 - .190)
53 mm	0.246	(.228 - .278)
103 mm	0.511	(.447 - .547)

- ☒ Barometric Pressure Check

Gauge ID # 30793

- ☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	MP5088	201905A
		05-14-2021
0.080	MP5089	201905B
		05-14-2021
0.200	MP5090	201904D
		04-30-2021
0.080 DGS	N/A	AG916501
		06-14-2021

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 20.9

External Digital Therm. ID#: 300505

- ☒ 34°C +-.2 Serial #: MP5088
- ☒ 34°C +-.2 Serial #: MP5089
- ☒ 34°C +-.2 Serial #: MP5090

Calibration Adjustment Performed By SP

Barometric Pressure Gauge 1028 ID # 28427

Simulator	Serial Number	Lot Number	Expiration
0.000	MP5091	N/A	N/A
0.040	MP5082	19080	3-4-21
0.100	MP5083	19160	7-9-21
0.200	MP5084	19040 ~~8-1-21~~	
0.300	MP5085	19010	1-3-21
0.080 DGS	N/A	08819080A1	6-5-21

EXP 1-29-21

☒ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	MP5088	201905A	5-14-21
0.080	MP5089	201905B	5-14-21
0.200	MP5090	201904D	4-30-21
0.080 DGS	N/A	AG916501	6-14-21

Department Inspection Performed By SP

Barometric Pressure ID# 28427

Gauge 1013 Instrument 1014

Mouth Alcohol Solution Lot # 2018-B

Acetone Stock Solution Lot # 2019-A

Simulator	Serial Number
0.000	MP5086
Interferent	MP5087
0.050	MP5088
0.080	MP5089
0.200	MP5090

Attachments

- ☒ Form 41
- ☒ Stability Checks
- ☒ Calibration Certificate
- ☒ Calibration Adjustment X2
- ☒ Post-Stability Checks X2
- ☐ Flow Calibration
- ☒ Form 40 X2
- ☐ Other

Notes/Suggested Service: All calibration adj. information is the same except for barometer info. Reading = 1016 ID # 28421

- ☒ **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**

RJM 2/6/20 — Tech Review / Date

T. Britt Kirkland 2/6/2020 — Admin Review / Date

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 80-006635 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-006635
Owning Agency:	FL HIGHWAY PATROL
Calibration Date:	02/05/2020
Calibration Time:	14:20

	UNCERTAINTY* ±
0.050 g/ 210 L	0.004
0.080 g/ 210 L	0.005
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.

This document shall not be reproduced except in full, without written approval of the Florida Department of Law Enforcement Alcohol Testing Program.

02/05/2020
Date

Shayla Platt
SHAYLA D PLATT,
Department Inspector

BK 2/6/2020

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FL HIGHWAY PATROL
Time of Inspection: 14:20
Date of Inspection: 02/05/2020
Serial Number: 80-006635
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#:201905A Exp: 05/14/2021	0.08g/210L Test (g/210L) Lot#:201905B Exp: 05/14/2021	0.20g/210L Test (g/210L) Lot#:201904D Exp: 04/30/2021	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG931603 Exp: 11/12/2021
0.000	0.049	0.080	0.199	0.079
0.000	0.050	0.079	0.199	0.079
0.000	0.050	0.080	0.200	0.079
0.000	0.050	0.079	0.200	0.079
0.000	0.050	0.080	0.199	0.079
0.000	0.050	0.080	0.200	0.079
0.000	0.049	0.079	0.200	0.079
0.000	0.049	0.080	0.200	0.079
0.000	0.050	0.080	0.199	0.079
0.000	0.050	0.080	0.200	0.079
Standard Deviations	0.0004	0.0004	0.0005	0.0000

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

Remarks:

BBM

BK
2/6/2020

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
Signature and Printed Name

SHAYLA D PLATT

02/05/2020
Date

FDLE/ATP Form 41 –Revised August 2005

Stability Checks

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006635
01/09/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:47
Control Test	0.053	09:48
Air Blank	0.000	09:48
Control Test	0.048	09:49
Air Blank	0.000	09:50
Control Test	0.051	09:50
Air Blank	0.000	09:51
Control Test Stats		
Average	0.0507	
Std Dev	0.0025	
Rel Std Dev(%)	4.9670	

Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006635
01/09/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:53
Control Test	0.083	09:54
Air Blank	0.000	09:54
Control Test	0.084	09:55
Air Blank	0.000	09:56
Control Test	0.080	09:56
Air Blank	0.000	09:57
Control Test Stats		
Average	0.0823	
Std Dev	0.0021	
Rel Std Dev(%)	2.5283	

wet

Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006635
01/09/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:58
Control Test	0.202	09:59
Air Blank	0.000	10:00
Control Test	0.198	10:00
Air Blank	0.000	10:01
Control Test	0.203	10:02
Air Blank	0.000	10:02
Control Test Stats		
Average	0.2010	
Std Dev	0.0026	
Rel Std Dev(%)	1.3163	

Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006635
01/09/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:04
Control Test	0.079	10:04
Air Blank	0.000	10:04
Control Test	0.078	10:05
Air Blank	0.000	10:05
Control Test	0.084	10:06
Air Blank	0.000	10:06
Control Test Stats		
Average	0.0803	
Std Dev	0.0032	
Rel Std Dev(%)	4.0015	

Dry

Operator's Signature

@gm
TK
2/6/2020

FL HIC [illegible]
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006635
01/17/2020 08:50:47

Auto Calibration
Max Power Res Value = 116
Auto Range Res Value = 87

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12706, 9um Io = 12961

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0300	(-0.0070)
Sample #2 =	0.0090	(-0.0020)
Sample #3 =	0.0190	(-0.0100)
Sample #4 =	0.0210	(0.0180)

Avg % Abs = 0.0163 (0.0020)
STD DEV = 0.0064 (0.0144)
REL STD DEV = 39.362 (721.110)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.3090	(-0.0270)
Sample #2 =	0.2450	(-0.0940)
Sample #3 =	0.1450	(0.0620)
Sample #4 =	0.2850	(0.0170)

Avg % Abs = 0.2250 (-0.0050)
STD DEV = 0.0721 (0.0803)
REL STD DEV = 32.049 (1605.864)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12703, 9um Io = 12957

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7630	(-0.0240)
Sample #2 =	0.7430	(-0.0220)
Sample #3 =	0.7010	(0.0070)
Sample #4 =	0.7420	(-0.0060)

Avg % Abs = 0.7287 (-0.0070)
STD DEV = [illegible]
REL STD DEV = [illegible]

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5800	(0.0190)
Sample #2 =	1.4240	(0.1270)
Sample #3 =	1.3710	(0.1640)
Sample #4 =	1.5850	(0.0890)

Avg % Abs = 1.4600 (0.1267)
STD DEV = 0.1114 (0.0375)
REL STD DEV = 7.634 (29.606)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12703, 9um Io = 12928

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7570	(-0.0160)
Sample #2 =	0.7430	(-0.0040)
Sample #3 =	0.7400	(-0.0010)
Sample #4 =	0.6960	(0.0280)

Avg % Abs = 0.7263 (0.0077)
STD DEV = 0.0263 (0.0177)
REL STD DEV = 3.623 (230.517)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.6390	(-0.1000)
Sample #2 =	1.5250	(-0.0590)
Sample #3 =	1.6160	(-0.1400)
Sample #4 =	1.5550	(-0.0550)

Avg % Abs = 1.5653 (-0.0847)
STD DEV = 0.0464 (0.0480)
REL STD DEV = 2.962 (56.648)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12700, 9um Io = 12923

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.7880	(-0.0090)
Sample #2 =	1.7590	(-0.0020)
Sample #3 =	1.7430	(0.0200)
Sample #4 =	1.7780	(0.0010)

Avg % Abs = 1.7600 (0.0063)
STD DEV = [illegible]
REL STD DEV = [illegible]

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5540	(-0.0350)
Sample #2 =	3.4950	(0.0100)
Sample #3 =	3.5250	(-0.0930)
Sample #4 =	3.5750	(-0.1090)

Avg % Abs = 3.5317 (-0.0640)
STD DEV = 0.0404 (0.0646)
REL STD DEV = 1.144 (100.911)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12699, 9um Io = 12925

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5010	(-0.0080)
Sample #2 =	3.4760	(0.0200)
Sample #3 =	3.4960	(-0.0080)
Sample #4 =	3.4940	(0.0120)

Avg % Abs = 3.4887 (0.0080)
STD DEV = 0.0110 (0.0144)
REL STD DEV = 0.316 (180.278)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.8620	(-0.0670)
Sample #2 =	6.6220	(0.0460)
Sample #3 =	6.7780	(-0.0350)
Sample #4 =	6.7260	(0.0120)

Avg % Abs = 6.7087 (0.0077)
STD DEV = 0.0794 (0.0407)
REL STD DEV = 1.184 (530.524)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12699, 9um Io = 13081

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.1230	(-0.0130)
Sample #2 =	5.1080	(0.0100)
Sample #3 =	5.0670	(0.0350)
Sample #4 =	5.1150	(0.0080)

Avg % Abs = 5.0967 (0.0177)
STD DEV = 0.0259 (0.0150)
REL STD DEV = [illegible]

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.6820	(0.0000)
Sample #2 =	9.6860	(0.0370)
Sample #3 =	9.6900	(0.0340)
Sample #4 =	9.7000	(0.0260)

Avg % Abs = 9.6920 (0.0323)
STD DEV = 0.0072 (0.0057)
REL STD DEV = 0.074 (17.586)

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.016
Std Dev = 0.01 Rel Std Dev = 39.36
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.726
Std Dev = 0.03 Rel Std Dev = 3.62
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.760
Std Dev = 0.02 Rel Std Dev = 1.00
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.489
Std Dev = 0.01 Rel Std Dev = 0.32
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.097
Std Dev = 0.03 Rel Std Dev = 0.51
Zero Order Coef = -27.74
First Order Coef = 2636.62
Second Order Coef = 33.03
Standard Deviation = 35.757473

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.225
Std Dev = 0.07 Rel Std Dev = 32.05
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.565
Std Dev = 0.05 Rel Std Dev = 2.96
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.532
Std Dev = 0.04 Rel Std Dev = 1.14
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.709
Std Dev = 0.08 Rel Std Dev = 1.18
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.692
Std Dev = 0.01 Rel Std Dev = 0.07
Zero Order Coef = -302.12
First Order Coef = 1386.05
Second Order Coef = 12.20
Standard Deviation = 15.665889

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0003
0.040	0.040	0.0000
0.100	0.099	0.0010
0.200	0.201	-0.0010
0.300	0.300	0.0004

Solution Stats Quadratic Fit Chan 2

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	0.0004
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 = 3431.00
Sample #2 = 3481.00
Sample #3 = 3527.00
Sample #4 = 3448.00
Average Result = 3485.3333
STD DEV = 39.6779
REL STD DEV = 1.138
****
***** CHANNEL 2
Sample #1 = 3231.00
Sample #2 = 3250.00
Sample #3 = 3272.00
Sample #4 = 3238.00
Average Result = 3253.3333
STD DEV = 17.2434
REL STD DEV = 0.530
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1028
3 um H2O Adjust (mg/l*10,000) = 324
9 um H2O Adjust (mg/l*10,000) = 556
**** AUTO CAL PASS

CAL ADJUSTMENT #1
SP

BK 2/6/2020

Post Cal Adjust #1

Stability Checks #80-006635

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006635
01/17/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:24
Control Test	0.051	10:24
Air Blank	0.000	10:25
Control Test	0.051	10:26
Air Blank	0.000	10:26
Control Test	0.050	10:27
Air Blank	0.000	10:27
Control Test Stats		
Average	0.0507	
Std Dev	0.0006	
Rel Std Dev(%)	1.1395	

SP
Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006635
01/17/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:30
Control Test	0.084	10:31
Air Blank	0.000	10:31
Control Test	0.079	10:32
Air Blank	0.000	10:32
Control Test	0.079	10:33
Air Blank	0.000	10:34
Control Test Stats		
Average	0.0807	
Std Dev	0.0029	
Rel Std Dev(%)	3.5786	

SP
Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006635
01/17/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:54
Control Test	0.203	10:55
Air Blank	0.000	10:55
Control Test	0.202	10:56
Air Blank	0.000	10:57
Control Test	0.201	10:57
Air Blank	0.000	10:58
Control Test Stats		
Average	0.2020	
Std Dev	0.0010	
Rel Std Dev(%)	0.4950	

SP
Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006635
01/17/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:44
Control Test	0.082	10:44
Air Blank	0.000	10:45
Control Test	0.079	10:45
Air Blank	0.000	10:46
Control Test	0.083	10:46
Air Blank	0.000	10:46
Control Test Stats		
Average	0.0813	
Std Dev	0.0021	
Rel Std Dev(%)	2.5594	

DGS

SP
Operator's Signature

RBM
TSK
2/6/2020

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006635
02/05/2020 07:40:53

Auto Calibration
Max Power Res Value = 115
Auto Range Res Value = 83

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12581, 9um Io = 13037

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0140	(-0.0160)
Sample #2 =	0.0170	(0.0060)
Sample #3 =	-0.0080	(0.0150)
Sample #4 =	0.0330	(0.0060)

Avg % Abs = 0.0140 (0.0090)
STD DEV = 0.0207 (0.0052)
REL STD DEV = 147.600 (57.735)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1830	(-0.0070)
Sample #2 =	0.1700	(0.0080)
Sample #3 =	0.1680	(0.0080)
Sample #4 =	0.1680	(-0.0050)

Avg % Abs = 0.1687 (0.0037)
STD DEV = 0.0012 (0.0075)
REL STD DEV = 0.685 (204.697)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12576, 9um Io = 13033

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7060	(-0.0150)
Sample #2 =	0.7620	(-0.0310)
Sample #3 =	0.6940	(-0.0030)
Sample #4 =	0.7090	(0.0000)

Avg % Abs = 0.7217 (-0.0113)
STD DEV = 0.0357 (0.0171)
REL STD DEV = 4.950 (150.863)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5340	(-0.0210)
Sample #2 =	1.5520	(-0.0100)
Sample #3 =	1.5370	(-0.0060)
Sample #4 =	1.5390	(-0.0050)

Avg % Abs = 1.5427 (-0.0070)
STD DEV = 0.0081 (0.0026)
REL STD DEV = 0.528 (37.796)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12576, 9um Io = 13030

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7460	(-0.0130)
Sample #2 =	0.7480	(-0.0040)
Sample #3 =	0.7050	(0.0260)
Sample #4 =	0.7440	(0.0190)

Avg % Abs = 0.7323 (0.0137)
STD DEV = 0.0238 (0.0157)
REL STD DEV = 3.244 (114.842)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5410	(-0.0140)
Sample #2 =	1.5410	(0.0010)
Sample #3 =	1.5080	(0.0110)
Sample #4 =	1.5280	(-0.0010)

Avg % Abs = 1.5257 (0.0037)
STD DEV = 0.0166 (0.0064)
REL STD DEV = 1.090 (175.339)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12572, 9um Io = 13030

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.7930	(-0.0040)
Sample #2 =	1.7420	(0.0310)
Sample #3 =	1.7330	(0.0400)
Sample #4 =	1.7820	(0.0230)

Avg % Abs = 1.7523 (0.0313)
STD DEV = 0.0261 (0.0085)
REL STD DEV = 1.488 (27.143)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5060	(-0.0070)
Sample #2 =	3.4850	(0.0140)
Sample #3 =	3.4920	(0.0190)
Sample #4 =	3.4930	(0.0160)

Avg % Abs = 3.4900 (0.0163)
STD DEV = 0.0044 (0.0025)
REL STD DEV = 0.125 (15.408)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12565, 9um Io = 13021

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.4610	(-0.0100)
Sample #2 =	3.4800	(-0.0140)
Sample #3 =	3.5060	(-0.0160)
Sample #4 =	3.5050	(-0.0120)

Avg % Abs = 3.4970 (-0.0140)
STD DEV = 0.0147 (0.0020)
REL STD DEV = 0.421 (14.286)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.7050	(-0.0500)
Sample #2 =	6.7070	(-0.0410)
Sample #3 =	6.7230	(-0.0270)
Sample #4 =	6.7390	(-0.0330)

Avg % Abs = 6.7230 (-0.0337)
STD DEV = 0.0160 (0.0070)
REL STD DEV = 0.238 (20.863)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12567, 9um Io = 13025

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.1310	(-0.0070)
Sample #2 =	5.1110	(0.0180)
Sample #3 =	5.0790	(0.0370)
Sample #4 =	5.1260	(0.0140)

Avg % Abs = 5.1053 (0.0230)
STD DEV = 0.0240 (0.0123)
REL STD DEV = 0.470 (53.427)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.7080	(-0.0040)
Sample #2 =	9.6970	(0.0270)
Sample #3 =	9.6660	(0.0380)
Sample #4 =	9.6970	(0.0270)

Avg % Abs = 9.6867 (0.0307)
STD DEV = 0.0179 (0.0064)
REL STD DEV = 0.185 (20.709)

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.014
Std Dev = 0.02 Rel Std Dev = 147.60
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.732
Std Dev = 0.02 Rel Std Dev = 3.24
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.752
Std Dev = 0.03 Rel Std Dev = 1.49
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.497
Std Dev = 0.01 Rel Std Dev = 0.42
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.105
Std Dev = 0.02 Rel Std Dev = 0.47
Zero Order Coef = -26.45
First Order Coef = 2638.20
Second Order Coef = 31.54
Standard Deviation = 48.258820

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.169
Std Dev = 0.00 Rel Std Dev = 0.68
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.526
Std Dev = 0.02 Rel Std Dev = 1.09
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.490
Std Dev = 0.00 Rel Std Dev = 0.12
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.723
Std Dev = 0.02 Rel Std Dev = 0.24
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.687
Std Dev = 0.02 Rel Std Dev = 0.18
Zero Order Coef = -214.41
First Order Coef = 1366.80
Second Order Coef = 13.24
Standard Deviation = 35.520760

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	-0.0004
0.100	0.099	0.0014
0.200	0.201	-0.0013
0.300	0.300	0.0004

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	0.0001
0.100	0.099	0.0009
0.200	0.201	-0.0010
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 = 3531.00
Sample #2 = 3427.00
Sample #3 = 3411.00
Sample #4 = 3446.00
Average Result = 3428.0000
STD DEV = 17.5214
REL STD DEV = 0.511
****
***** CHANNEL 2
Sample #1 = 3288.00
Sample #2 = 3246.00
Sample #3 = 3266.00
Sample #4 = 3271.00
Average Result = 3261.0000
STD DEV = 13.2288
REL STD DEV = 0.406
****
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1016
3 um H20 Adjust (mg/l*10,000) = 381
9 um H20 Adjust (mg/l*10,000) = 548
**** AUTO CAL PASS

CAL ADJUSTMENT #2
#80-00101035

BJK 2/6/2020

Post Cal-Adjust Stability Checks #80-006635
#2

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006635
02/05/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:25
Control Test	0.048	11:26
Air Blank	0.000	11:26
Control Test	0.052	11:27
Air Blank	0.000	11:27
Control Test	0.049	11:28
Air Blank	0.000	11:29

Control Test Stats

Average	0.0497
Std Dev	0.0021
Rel Std Dev(%)	4.1913

SP
Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006635
02/05/2020
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	0.079	11:32
Air Blank	0.000	11:32
Control Test	0.081	11:33
Air Blank	0.000	11:33

Control Test Stats

Average	0.0800
Std Dev	0.0010
Rel Std Dev(%)	1.2500

SP
Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006635
02/05/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:35
Control Test	0.201	11:35
Air Blank	0.000	11:36
Control Test	0.201	11:36
Air Blank	0.000	11:37
Control Test	0.201	11:38
Air Blank	0.000	11:38

Control Test Stats

Average	0.2010
Std Dev	0.0000
Rel Std Dev(%)	0.0000

SP
Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006635
02/05/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:41
Control Test	0.081	11:41
Air Blank	0.000	11:42
Control Test	0.080	11:42
Air Blank	0.000	11:43
Control Test	0.080	11:43
Air Blank	0.000	11:44

Control Test Stats

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

DGS

SP
Operator's Signature

DGM BSK 2/6/2020

Florida Department of Law Enforcement
Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: FL HIGHWAY PATROL
Time of Inspection: 15:56 Date of Inspection: 01/16/2020
Serial Number: 80-006635
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		No
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:
BYPASSED AI TO OPERATE INSTRUMENT

AGM
TBK
2/6/2020

N/A Compliance Not Determined.

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.

Shayla Platt
SHAYLA D PLATT
Signature and Printed Name

01/16/2020
Date

FDLE/ATP Form 40 – March 2004

Florida Department of Law Enforcement
Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: FL HIGHWAY PATROL
Time of Inspection: 09:17 Date of Inspection: 01/09/2020 Serial Number: 80-006635
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		No
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:
BYPASSED AI TO OPERATE INSTRUMENT

RJM
BK
2/6/2020

N/A
compliance not determined

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.

Israel Soto ISRAEL SOTO
Signature and Printed Name

01/09/2020
Date

FDLE/ATP Form 40 – March 2004