INSTRUMENT PROCESSING SHEET

Florida Department of Law Enforcement

Agency Florida Highway Patrol Troop E S/N 80-006630

Date In ~~10~~/16/2022 DI Completion Date ~~10~~/17/2022 ☐Ship ☒P/U ☐H/D ☐CMI ☐EE

1 DERR 11/21/22 1 DERR 11/21/22

Intake By DERR

- ☒ Annual
- ☐ Registration
- ☐ Return from CMI / EE

Visual Inspection:

- ☒ Case
- ☒ Keyboard
- ☒ Feet
- ☒ Ports
- ☒ Handle
- ☒ Dry Gas Shelf
- ☒ Breath Tube
- ☒ Screws Tight

Other Equipment/ Accessories:

- ☐ Power cord
- ☐ Printer Cable
- ☐ Static Bag
- ☐ 12V DC Cable

Notes: Bad key board

Quality Checks By DERR Date 11/16/2022

- ☒ Breath Tube Screen
- ☒ Replace External O-Rings
- ☒ Instrument Set Up Verified
- ☒ R-Value 246
- ☒ Flow Verification (L/s)

Flow Column # ATP101

32 mm 0.156 (.139 - .169)
36 mm 0.179 (.156 - .190)
53 mm 0.250 (.228 - .278)
103 mm 0.519 (.447 - .547)

- ☒ Barometric Pressure Check

Gauge ID # 28199

- ☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	MP6286	202201C
		01/11/2024
0.080	MP6287	202201D
		01/18/2024
0.200	MP6288	202201E
		01/18/2024
0.080 DGS	N/A	00521080A2
		02/05/2023

Flow Calibration By Date

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 By

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

Calibration Adjustment By DERR

Barometric Pressure Gauge 1020 ID # 68639

Simulator	Serial #	Lot #	Expiration
0.000	MP5099	N/A	N/A
0.040	MP5096	21070	03/01/2023
0.100	MP5098	21380	09/13/2023
0.200	MP5100	20510	12/03/2022
0.300	MP5101	21420	10/20/2023
0.080 DGS	N/A	AG115904	06/08/2023

☒ Post Calibration Adjustment Stability Checks

Simulator	Serial #	Lot #	Expiration
0.050	MP6286	202201C	01/11/2024
0.080	MP6287	202201D	01/18/2024
0.200	MP6288	202201E	01/18/2024
0.080 DGS	N/A	00521080A2	02/05/2023

Department Inspection By DERR

Barometric Pressure ID# 26932

Gauge 1020 Instrument 1019

Mouth Alcohol Solution Lot # 2021-D

Acetone Stock Solution Lot # 2021-C

Simulator	Serial Number
0.000	MP6284
Interferent	MP6285
0.050	MP6286
0.080	MP6287
0.200	MP6288

Attachments

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

Notes/Suggested Service: Used a lab key board to inspect the instrument. Calibrated instrument to bring values closer to nominal. DERR

Admin Review identified wrong date on Form 48 Date In and DI Completion. Corrected and resubmitted. DERR 11/21/2022

- ☒ **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**

Taylor Gutschow Digitally signed by Taylor Gutschow Date: 2022.11.17 15:03:49 -05'00' — Tech Review / Date

Israel Soto Digitally signed by Israel Soto Date: 2022.11.21 11:11:39 -05'00' — Admin Review / Date

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 80-006630 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-006630
Owning Agency:	FHP TROOP E MIAMI
Calibration Date:	11/17/2022
Calibration Time:	14:49

	UNCERTAINTY* ±
0.050 g/ 210 L	0.004
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. Simulator temperatures are checked with NIST traceable digital thermometers calibrated by Precision Metrology in accordance with ISO/ IEC 17025 standards.

Dry gas control measurements are traceable to NIST through the use 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.

11/17/2022
Date

DAVID E REYES-RIVERA,
Department Inspector

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FHP TROOP E MIAMI
Time of Inspection: 14:49
Date of Inspection: 11/17/2022
Serial Number: 80-006630
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#:202201C Exp: 01/11/2024	0.08g/210L Test (g/210L) Lot#:202201D Exp: 01/18/2024	0.20g/210L Test (g/210L) Lot#:202201E Exp: 01/18/2024	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:00521080A2 Exp: 02/05/2023
0.000	0.049	0.079	0.199	0.079
0.000	0.050	0.079	0.199	0.079
0.000	0.049	0.078	0.199	0.079
0.000	0.050	0.078	0.199	0.080
0.000	0.050	0.079	0.198	0.079
0.000	0.049	0.078	0.199	0.079
0.000	0.050	0.078	0.199	0.080
0.000	0.049	0.079	0.198	0.079
0.000	0.049	0.078	0.198	0.079
0.000	0.050	0.078	0.199	0.079
Standard Deviations	0.0005	0.0005	0.0004	0.0004

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 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 E REYES-RIVERA
Signature and Printed Name

11/17/2022
Date

FDLE/ATP Form 41 –Revised August 2005

Type of Test	Serial Number	Agency	Date	Performed By
Post Stabilities	80-006630	Florida Highway Patrol Troop E	11/17/2022	DERR

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
0.047 to 0.053 ✓	0.077 to 0.083 ✓	0.194 to 0.206 ✓	0.077 to 0.083 ✓

FHP TROOP E MIAMI
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006630
11/17/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:06
Control Test	0.049	08:06
Air Blank	0.000	08:07
Control Test	0.049	08:08
Air Blank	0.000	08:08
Control Test	0.049	08:09
Air Blank	0.000	08:09
Control Test Stats		
Average	0.0490	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

FHP TROOP E MIAMI
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006630
11/17/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:11
Control Test	0.079	08:11
Air Blank	0.000	08:12
Control Test	0.078	08:13
Air Blank	0.000	08:13
Control Test	0.079	08:14
Air Blank	0.000	08:15
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

Operator's Signature

FHP TROOP E MIAMI
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006630
11/17/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:17
Control Test	0.201	08:18
Air Blank	0.000	08:18
Control Test	0.198	08:19
Air Blank	0.000	08:19
Control Test	0.198	08:20
Air Blank	0.000	08:21
Control Test Stats		
Average	0.1990	
Std Dev	0.0017	
Rel Std Dev(%)	0.8704	

Operator's Signature

FHP TROOP E MIAMI
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006630
11/17/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:22
Control Test	0.079	08:22
Air Blank	0.000	08:23
Control Test	0.079	08:23
Air Blank	0.000	08:24
Control Test	0.079	08:24
Air Blank	0.000	08:24
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

FHP TROOP E MIAMI
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006630
11/17/2022 07:00:06

Auto Calibration
Max Power Res Value = 104
Auto Range Res Value = 81

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12625, 9um Io = 13030

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0530	(-0.0300)
Sample #2 =	-0.0070	(0.0000)
Sample #3 =	0.0210	(-0.0140)
Sample #4 =	-0.0120	(0.0190)

Avg % Abs = 0.0007 (0.0017)
STD DEV = 0.0178 (0.0166)
REL STD DEV = 2667.862 (993.781)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1380	(0.0070)
Sample #2 =	0.1100	(0.0200)
Sample #3 =	0.1390	(-0.0090)
Sample #4 =	0.1240	(0.0110)

Avg % Abs = 0.1243 (0.0073)
STD DEV = 0.0145 (0.0148)
REL STD DEV = 11.665 (202.413)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12624, 9um Io = 13028

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7630	(-0.0190)
Sample #2 =	0.7600	(-0.0160)
Sample #3 =	0.7090	(0.0190)
Sample #4 =	0.7580	(-0.0060)

Avg % Abs = 0.7423 (-0.0010)
STD DEV = 0.0289 (0.0180)
REL STD DEV = 3.891 (1802.775)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5250	(-0.0060)
Sample #2 =	1.5210	(0.0030)
Sample #3 =	1.4840	(0.0200)
Sample #4 =	1.5260	(0.0010)

Avg % Abs = 1.5103 (0.0080)
STD DEV = 0.0229 (0.0104)
REL STD DEV = 1.519 (130.504)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12623, 9um Io = 13027

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.8100	(-0.0070)
Sample #2 =	1.7750	(0.0230)
Sample #3 =	1.7460	(0.0280)
Sample #4 =	1.7320	(0.0420)

Avg % Abs = 1.7510 (0.0310)
STD DEV = 0.0219 (0.0098)
REL STD DEV = 1.253 (31.771)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5410	(0.0050)
Sample #2 =	3.5070	(0.0410)
Sample #3 =	3.4810	(0.0420)
Sample #4 =	3.4880	(0.0550)

Avg % Abs = 3.4920 (0.0460)
STD DEV = 0.0135 (0.0078)
REL STD DEV = 0.385 (16.979)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12620, 9um Io = 13024

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.4860	(-0.0240)
Sample #2 =	3.4150	(0.0310)
Sample #3 =	3.4440	(0.0200)
Sample #4 =	3.4010	(0.0370)

Avg % Abs = 3.4200 (0.0293)
STD DEV = 0.0219 (0.0086)
REL STD DEV = 0.641 (29.392)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.7130	(-0.0080)
Sample #2 =	6.6320	(0.0800)
Sample #3 =	6.6630	(0.0780)
Sample #4 =	6.6390	(0.0660)

Avg % Abs = 6.6447 (0.0747)
STD DEV = 0.0163 (0.0076)
REL STD DEV = 0.245 (10.141)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12620, 9um Io = 13024

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.1270	(-0.0170)
Sample #2 =	5.0990	(0.0110)
Sample #3 =	5.1080	(0.0180)
Sample #4 =	5.0390	(0.0560)

Avg % Abs = 5.0820 (0.0283)
STD DEV = 0.0375 (0.0242)
REL STD DEV = 0.738 (85.462)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.7750	(-0.0170)
Sample #2 =	9.6980	(0.0530)
Sample #3 =	9.6880	(0.0700)
Sample #4 =	9.6810	(0.0740)

Avg % Abs = 9.6890 (0.0657)
STD DEV = 0.0085 (0.0112)
REL STD DEV = 0.088 (16.980)

Optical Calibration	
SN:	80-006630
Agency:	FHP Troop E
Date:	11/17/2022
Quadratic Fit:	+/- 0.002g/210L
By:	DERR

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.001
Std Dev = 0.02 Rel Std Dev = 2667.86
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.742
Std Dev = 0.03 Rel Std Dev = 3.89
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.751
Std Dev = 0.02 Rel Std Dev = 1.25
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.420
Std Dev = 0.02 Rel Std Dev = 0.64
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.082
Std Dev = 0.04 Rel Std Dev = 0.74
Zero Order Coef = -49.40
First Order Coef = 2709.98
Second Order Coef = 22.48
Standard Deviation = 48.085876

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.124
Std Dev = 0.01 Rel Std Dev = 11.66
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.510
Std Dev = 0.02 Rel Std Dev = 1.52
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.492
Std Dev = 0.01 Rel Std Dev = 0.39
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.645
Std Dev = 0.02 Rel Std Dev = 0.24
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.689
Std Dev = 0.01 Rel Std Dev = 0.09
Zero Order Coef = -187.01
First Order Coef = 1378.62
Second Order Coef = 11.96
Standard Deviation = 17.501019

Solution Stats Quadratic Fit Chan 1		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.001	0.0010
0.040	0.041	-0.0015
0.100	0.100	-0.0001
0.200	0.199	0.0009
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	-0.0004
0.100	0.100	-0.0002
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 = 3579.00
Sample #2 = 3606.00
Sample #3 = 3645.00
Sample #4 = 3552.00
Average Result = 3601.0000
STD DEV = 46.7012
REL STD DEV = 1.297
****
***** CHANNEL 2
Sample #1 = 3373.00
Sample #2 = 3404.00
Sample #3 = 3413.00
Sample #4 = 3360.00
Average Result = 3392.3333
STD DEV = 28.3508
REL STD DEV = 0.836
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1020
3 um H2O Adjust (mg/l*10,000) = 208
9 um H2O Adjust (mg/l*10,000) = 417
**** AUTO CAL PASS

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-006630	Florida Highway Patrol Troop E	11/16/2022	DERR

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
0.047 to 0.053 ✓	0.077 to 0.083 ✗	0.194 to 0.206 ✓	0.077 to 0.083 ✗

FHP TROOP E MIAMI
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006630
11/16/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:01
Control Test	0.048	10:02
Air Blank	0.000	10:02
Control Test	0.048	10:03
Air Blank	0.000	10:04
Control Test	0.047	10:04
Air Blank	0.000	10:05

Control Test Stats

Average	0.0477
Std Dev	0.0006
Rel Std Dev(%)	1.2112

Operator's Signature

FHP TROOP E MIAMI
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006630
11/16/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:06
Control Test	0.077	10:07
Air Blank	0.000	10:07
Control Test	0.076	10:08
Air Blank	0.000	10:09
Control Test	0.076	10:09
Air Blank	0.000	10:10

Control Test Stats

Average	0.0763
Std Dev	0.0006
Rel Std Dev(%)	0.7564

Operator's Signature

FHP TROOP E MIAMI
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006630
11/16/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:11
Control Test	0.198	10:12
Air Blank	0.000	10:13
Control Test	0.196	10:13
Air Blank	0.000	10:14
Control Test	0.196	10:15
Air Blank	0.000	10:15

Control Test Stats

Average	0.1967
Std Dev	0.0012
Rel Std Dev(%)	0.5871

Operator's Signature

FHP TROOP E MIAMI
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006630
11/16/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:17
Control Test	0.080	10:17
Air Blank	0.000	10:18
Control Test	0.080	10:18
Air Blank	0.000	10:19
Control Test	0.080	10:19
Air Blank	0.000	10:19

Control Test Stats

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

Operator's Signature

Florida Department of Law Enforcement
Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: FHP TROOP E MIAMI
Time of Inspection: 09:21 Date of Inspection: 11/16/2022
Serial Number: 80-006630
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:
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

11/16/2022
Date

FDLE/ATP Form 40 – March 2004