INSTRUMENT PROCESSING SHEET

FDLE Florida Department of Law Enforcement

Agency FHP Troop C S/N 80-001113

Date In 8/30/2022 DI Completion Date 9/14/2022 ☐Ship ■P/U ☐H/D ☐CMI ☐EE

Intake By TDG

- ■ 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:

Quality Checks By TDG Date 9/1/2022

- ■ Breath Tube Screen
- ■ Replace External O-Rings
- ■ Instrument Set Up Verified
- ■ R-Value 144
- ■ Flow Verification (L/s)

Flow Column # ATP104

32 mm 0.144 (.139 - .169)
36 mm 0.164 (.156 - .190)
53 mm 0.238 (.228 - .278)
103 mm 0.496 (.447 - .547)

- ■ Barometric Pressure Check

Gauge ID # 26932

- ■ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	MP5092	202201C
		01/11/2024
0.080	MP5093	202201D
		01/18/2024
0.200	MP5094	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 TDG

Barometric Pressure Gauge 1013 ID # 68639

Simulator	Serial #	Lot #	Expiration
0.000	MP5099	N/A	N/A
0.040	MP5096	21070	03/01/2023
0.100	MP5098	21080	03/08/2023
0.200	MP5100	20510	12/03/2022
0.300	MP5101	21030	02/02/2023
0.080 DGS	N/A	AG115904	06/08/2023

- ■ Post Calibration Adjustment Stability Checks

Simulator	Serial #	Lot #	Expiration
0.050	MP5092	202201C	01/11/2024
0.080	MP5093	202201D	01/18/2024
0.200	MP5094	202201E	01/18/2024
0.080 DGS	N/A	00521080A2	02/05/2023

Department Inspection By TDG

Barometric Pressure ID# 28199

Gauge 1014 Instrument 1014

Mouth Alcohol Solution Lot # 2021-D

Acetone Stock Solution Lot # 2021-C

Simulator	Serial Number
0.000	MP5095
Interferent	SD3966
0.050	MP5092
0.080	MP5093
0.200	MP5094

Attachments

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

Notes/Suggested Service:

- ■ **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**

David Eliezer Reyes-Rivera — Digitally signed by David Eliezer Reyes-Rivera Date: 2022.09.15 12:12:05 -04'00'

Tech Review / Date

9/15/2022 13:50:23 -04'00'

Admin Review / Date

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-00 1113	FHP	09/01/2022	TDG MG

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 ✓ ≤0.003 of Wet X

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001113
09/01/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:42
Control Test	0.049	14:43
Air Blank	0.000	14:43
Control Test	0.049	14:44
Air Blank	0.000	14:44
Control Test	0.049	14:45
Air Blank	0.000	14:46

Control Test Stats

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

MG
Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001113
09/01/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:48
Control Test	0.079	14:50
Air Blank	0.000	14:50
Control Test	0.079	14:51
Air Blank	0.000	14:52
Control Test	0.079	14:52
Air Blank	0.000	14:53

Control Test Stats

Average	0.0790
Std Dev	0.0000
Rel Std Dev(%)	0.0000

MG
Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001113
09/01/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:56
Control Test	0.202	14:56
Air Blank	0.000	14:57
Control Test	0.200	14:57
Air Blank	0.000	14:58
Control Test	0.200	14:59
Air Blank	0.000	14:59

Control Test Stats

Average	0.2007
Std Dev	0.0012
Rel Std Dev(%)	0.5754

MG
Operator's Signature

DGS

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001113
09/01/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:37
Control Test	0.083	14:37
Air Blank	0.000	14:37
Control Test	0.083	14:38
Air Blank	0.000	14:38
Control Test	0.083	14:39
Air Blank	0.000	14:39

Control Test Stats

Average	0.0830
Std Dev	0.0000
Rel Std Dev(%)	0.0000

MG
Operator's Signature

Comments: Needs an Optical Cal Adjust. MG 9/1/2022

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001113
09/14/2022 08:58:06

Auto Calibration
Max Power Res Value = 78
Auto Range Res Value = 54

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12625, 9um Io = 13253

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1440	(-0.0020)
Sample #2 =	0.1440	(0.0380)
Sample #3 =	0.1380	(0.0570)
Sample #4 =	0.1350	(0.0860)

Avg % Abs = 0.1390 (0.0603)
STD DEV = 0.0046 (0.0242)
REL STD DEV = 3.297 (40.066)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1030	(-0.0130)
Sample #2 =	0.1070	(-0.0090)
Sample #3 =	0.1000	(0.0020)
Sample #4 =	0.0810	(0.0240)

Avg % Abs = 0.0960 (0.0057)
STD DEV = 0.0135 (0.0168)
REL STD DEV = 14.014 (296.520)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12590, 9um Io = 13234

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8790	(0.0100)
Sample #2 =	0.8820	(0.0230)
Sample #3 =	0.8940	(0.0270)
Sample #4 =	0.8690	(0.0570)

Avg % Abs = 0.8817 (0.0357)
STD DEV = 0.0125 (0.0186)
REL STD DEV = 1.418 (52.102)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.4260	(0.0040)
Sample #2 =	1.4360	(0.0140)
Sample #3 =	1.4220	(0.0130)
Sample #4 =	1.4200	(0.0220)

Avg % Abs = 1.4260 (0.0163)
STD DEV = 0.0087 (0.0049)
REL STD DEV = 0.611 (30.201)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12574, 9um Io = 13225

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	2.0090	(0.0000)
Sample #2 =	1.9930	(0.0310)
Sample #3 =	1.9820	(0.0400)
Sample #4 =	1.9860	(0.0570)

Avg % Abs = 1.9870 (0.0427)
STD DEV = 0.0056 (0.0132)
REL STD DEV = 0.280 (30.946)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.3990	(-0.0040)
Sample #2 =	3.3690	(0.0380)
Sample #3 =	3.3600	(0.0370)
Sample #4 =	3.3770	(0.0300)

Avg % Abs = 3.3687 (0.0350)
STD DEV = 0.0085 (0.0044)
REL STD DEV = 0.252 (12.454)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12566, 9um Io = 13219

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.8320	(0.0000)
Sample #2 =	3.8050	(0.0380)
Sample #3 =	3.7960	(0.0550)
Sample #4 =	3.7830	(0.0680)

Avg % Abs = 3.7947 (0.0537)
STD DEV = 0.0111 (0.0150)
REL STD DEV = 0.291 (28.033)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.5170	(-0.0100)
Sample #2 =	6.4660	(0.0470)
Sample #3 =	6.4650	(0.0550)
Sample #4 =	6.4520	(0.0650)

Avg % Abs = 6.4610 (0.0557)
STD DEV = 0.0078 (0.0090)
REL STD DEV = 0.121 (16.201)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12559, 9um Io = 13218

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.5900	(-0.0010)
Sample #2 =	5.5540	(0.0430)
Sample #3 =	5.5310	(0.0660)
Sample #4 =	5.5150	(0.0820)

Avg % Abs = 5.5333 (0.0637)
STD DEV = 0.0196 (0.0196)
REL STD DEV = 0.354 (30.792)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.4920	(0.0020)
Sample #2 =	9.4190	(0.0830)
Sample #3 =	9.3670	(0.1120)
Sample #4 =	9.3860	(0.1080)

Avg % Abs = 9.3907 (0.1010)
STD DEV = 0.0263 (0.0157)
REL STD DEV = 0.280 (15.561)

Optical Calibration	
SN:	80-00 1113
Agency:	FHP
Date:	09/14/2022
Quadratic Fit: +/- 0.002g/210L	✓
By:	TDG TG

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.139
Std Dev = 0.00 Rel Std Dev = 3.30
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.882
Std Dev = 0.01 Rel Std Dev = 1.42
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.987
Std Dev = 0.01 Rel Std Dev = 0.28
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.795
Std Dev = 0.01 Rel Std Dev = 0.29
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.533
Std Dev = 0.02 Rel Std Dev = 0.35
Zero Order Coef = -341.72
First Order Coef = 2519.11
Second Order Coef = 22.30
Standard Deviation = 11.135437

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.096
Std Dev = 0.01 Rel Std Dev = 14.01
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.426
Std Dev = 0.01 Rel Std Dev = 0.61
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.369
Std Dev = 0.01 Rel Std Dev = 0.25
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.461
Std Dev = 0.01 Rel Std Dev = 0.12
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.391
Std Dev = 0.03 Rel Std Dev = 0.28
Zero Order Coef = -132.30
First Order Coef = 1406.33
Second Order Coef = 13.72
Standard Deviation = 2.933305

Solution Stats Quadratic Fit Chan 1

Act g/210L	Fit g/210L	Residual 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 g/210L	Fit g/210L	Residual g/210L
0.000	0.000	-0.0001
0.040	0.040	0.0001
0.100	0.100	0.0000
0.200	0.200	-0.0001
0.300	0.300	0.0000

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 2894.00
Sample #2 = 2856.00
Sample #3 = 2821.00
Sample #4 = 2851.00
Average Result = 2842.6667
STD DEV = 18.9297
REL STD DEV = 0.666
****
***** CHANNEL 2
Sample #1 = 3420.00
Sample #2 = 3388.00
Sample #3 = 3392.00
Sample #4 = 3423.00
Average Result = 3401.0000
STD DEV = 19.1572
REL STD DEV = 0.563
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1014
3 um H2O Adjust (mg/l*10,000) = 967
9 um H2O Adjust (mg/l*10,000) = 408
**** AUTO CAL PASS

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities (Post-GL)	80-00 1113	FHP	09/14/2022	TDG TDG

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 ✓ ≤0.003 of Wet ✓

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001113
09/14/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:08
Control Test	0.049	12:08
Air Blank	0.000	12:09
Control Test	0.049	12:10
Air Blank	0.000	12:10
Control Test	0.049	12:11
Air Blank	0.000	12:11
Control Test Stats		
Average	0.0490	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

TDG
Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001113
09/14/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:15
Control Test	0.079	12:16
Air Blank	0.000	12:16
Control Test	0.078	12:17
Air Blank	0.000	12:18
Control Test	0.078	12:18
Air Blank	0.000	12:19
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

TDG
Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001113
09/14/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:29
Control Test	0.200	12:30
Air Blank	0.000	12:30
Control Test	0.199	12:31
Air Blank	0.000	12:32
Control Test	0.199	12:32
Air Blank	0.000	12:33
Control Test Stats		
Average	0.1993	
Std Dev	0.0005	
Rel Std Dev(%)	0.2896	

TDG
Operator's Signature

DGS

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001113
09/14/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:34
Control Test	0.080	12:34
Air Blank	0.000	12:35
Control Test	0.080	12:35
Air Blank	0.000	12:36
Control Test	0.080	12:36
Air Blank	0.000	12:36
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

TDG
Operator's Signature

Comments:

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FL HIGHWAY PATROL
Time of Inspection: 15:31
Date of Inspection: 09/14/2022
Serial Number: 80-001113
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	0.050	0.078	0.200	0.079
0.000	0.050	0.079	0.200	0.079
0.000	0.050	0.078	0.200	0.079
0.000	0.050	0.079	0.200	0.079
0.000	0.049	0.079	0.200	0.079
0.000	0.050	0.079	0.200	0.079
0.000	0.050	0.079	0.200	0.079
0.000	0.050	0.079	0.200	0.079
0.000	0.050	0.079	0.200	0.079
0.000	0.050	0.079	0.200	0.080
Standard Deviations	0.0003	0.0004	0.0000	0.0003

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0002 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.

Taylor Gutschow — TAYLOR D GUTSCHOW
Signature and Printed Name

09/14/2022
Date

FDLE/ATP Form 41 –Revised August 2005

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 80-001113 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-001113
Owning Agency:	FL HIGHWAY PATROL
Calibration Date:	09/14/2022
Calibration Time:	15:31

	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.

09/14/2022
Date

TAYLOR D GUTSCHOW,
Department Inspector