FDLE

Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Gilchrist County SO S/N 80-001285

Date In 12-16-2020 DI Completion Date 12-17-2020 ☑Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake Performed By IS

- ☑ 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: 2020.12.18 12:06:55 -05'00'

Quality Checks Performed By IS

- ☑ Breath Tube Screen
- ☑ Replace External O-Rings
- ☑ Instrument Set Up Verified
- ☑ R-Value 145
- ☑ Flow Verification (L/s)

Flow Column # ATP-105

32 mm	0.160	(.139 - .169)
36 mm	0.175	(.156 - .190)
53 mm	0.253	(.228 - .278)
103 mm	0.527	(.447 - .547)

- ☑ Barometric Pressure Check

Gauge ID # 30793

- ☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	MP5088	201905A 05-14-2021
0.080	MP5087	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 20.93

External Digital Therm. ID#: 300505

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

Calibration Adjustment 12-18-2020 Performed By IS

Barometric Pressure Gauge 1021 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	20420	09-22-2022
0.200	MP5084	20160	03-18-2022
0.300	MP5085	20030	01-21-2022
0.080 DGS	N/A	08819080A1	06-05-2021

- ☑ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	MP5088	201905A	05-14-2021
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 1019 Instrument 1021

Mouth Alcohol Solution Lot # 2020-A

Acetone Stock Solution Lot # 2019-A

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

Attachments

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

Notes/Suggested Service: Pressure on instrument differed more than 1% compared to barometric pressure gauge, performed optical bench calibration adjust. DE

Admin Review: Added Baro Pressure Gauge value under Calibration Adjustment DE 12-18-2020

- ☑ **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: 2020.12.18 09:45:25 -05'00'

Tech Review / Date

2020.12.18 11:51:5 -05'00'

Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: GILCHRIST COUNTY SO
Time of Inspection: 11:10
Date of Inspection: 12/17/2020
Serial Number: 80-001285
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#: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	0.049	0.079	0.202	0.079
0.000	0.049	0.080	0.203	0.078
0.000	0.049	0.079	0.202	0.078
0.000	0.049	0.079	0.202	0.078
0.000	0.049	0.080	0.202	0.078
0.000	0.049	0.080	0.202	0.079
0.000	0.049	0.079	0.202	0.078
0.000	0.049	0.079	0.202	0.078
0.000	0.049	0.079	0.202	0.078
0.000	0.049	0.079	0.202	0.077
Standard Deviations	0.0000	0.0004	0.0003	0.0005

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0003 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.

Israel Soto
ISRAEL SOTO
Signature and Printed Name

12/17/2020
Date

2020.12.18 11:52:26 -05'00'

DERR Digitally signed by DERR Date: 2020.12.18 09:44:40 -05'00'

FDLE/ATP Form 41 –Revised August 2005

Stability Checks

GILCHRIST COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001285
12/16/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:46
Control Test	0.048	13:47
Air Blank	0.000	13:47
Control Test	0.048	13:48
Air Blank	0.000	13:48
Control Test	0.047	13:49
Air Blank	0.000	13:50

Control Test Stats

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

Operator's Signature

GILCHRIST COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001285
12/16/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:50
Control Test	0.079	13:51
Air Blank	0.000	13:52
Control Test	0.079	13:52
Air Blank	0.000	13:53
Control Test	0.079	13:54
Air Blank	0.000	13:54

Control Test Stats

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

wet

Operator's Signature

GILCHRIST COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001285
12/16/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:56
Control Test	0.199	13:57
Air Blank	0.000	13:57
Control Test	0.197	13:58
Air Blank	0.000	13:58
Control Test	0.197	13:59
Air Blank	0.000	14:00

Control Test Stats

Average	0.1977
Std Dev	0.0012
Rel Std Dev(%)	0.5842

Operator's Signature

GILCHRIST COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001285
12/16/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:01
Control Test	0.078	14:01
Air Blank	0.000	14:02
Control Test	0.078	14:02
Air Blank	0.000	14:03
Control Test	0.079	14:03
Air Blank	0.000	14:04

Control Test Stats

Average	0.0783
Std Dev	0.0006
Rel Std Dev(%)	0.7370

Dry

Operator's Signature

2020.12.18 11:52:48 -05'00'

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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 80-001285 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-001285
Owning Agency:	GILCHRIST COUNTY SO
Calibration Date:	12/17/2020
Calibration Time:	11:10

	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).
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.

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without written approval of the Florida Department of
Law Enforcement Alcohol Testing Program.

12/17/2020
Date

Israel Soto
ISRAEL SOTO,
Department Inspector

FDLE/ATP Form 69 April 2020
Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

DERR Digitally signed by DERR Date: 2020.12.18 09:43:31 -05'00'

2020.12.18 11:56:03 -05'00'

Opt Bench Cal Adj

GILCHRIST COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001285
12/17/2020 08:50:38

Auto Calibration
Max Power Res Value = 48
Auto Range Res Value = 31

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um lo = 12849, 9um lo = 13484
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1030	(-0.0020)
Sample #2 =	0.0690	(0.0550)
Sample #3 =	0.0690	(0.0410)
Sample #4 =	0.0640	(0.0910)

Avg % Abs = 0.0673 (0.0623)
STD DEV = 0.0029 (0.0258)
REL STD DEV = 4.287 (41.381)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1210	(-0.0010)
Sample #2 =	0.1150	(0.0200)
Sample #3 =	0.1110	(0.0190)
Sample #4 =	0.1120	(0.0280)

Avg % Abs = 0.1127 (0.0223)
STD DEV = 0.0021 (0.0049)
REL STD DEV = 1.848 (22.086)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um lo = 12836, 9um lo = 13476
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7960	(-0.0100)
Sample #2 =	0.7790	(-0.0160)
Sample #3 =	0.7900	(-0.0040)
Sample #4 =	0.7760	(0.0000)

Avg % Abs = 0.7817 (-0.0067)
STD DEV = 0.0074 (0.0083)
REL STD DEV = 0.943 (124.900)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5250	(0.0100)
Sample #2 =	1.5270	(0.0200)
Sample #3 =	1.5210	(0.0290)
Sample #4 =	1.5140	(0.0360)

Avg % Abs = 1.5207 (0.0283)
STD DEV = 0.0065 (0.0080)
REL STD DEV = 0.428 (28.309)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um lo = 12834, 9um lo = 13473
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.8730	(-0.0110)
Sample #2 =	1.8580	(0.0120)
Sample #3 =	1.8290	(0.0410)
Sample #4 =	1.8030	(0.0430)

Avg % Abs = 1.8300 (0.0320)
STD DEV = 0.0275 (0.0173)
REL STD DEV = 1.503 (54.217)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5900	(-0.0200)
Sample #2 =	3.5510	(0.0280)
Sample #3 =	3.5340	(0.0430)
Sample #4 =	3.5450	(0.0390)

Avg % Abs = 3.5433 (0.0367)
STD DEV = 0.0086 (0.0078)
REL STD DEV = 0.243 (21.184)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um lo = 12833, 9um lo = 13473
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5870	(-0.0110)
Sample #2 =	3.5330	(0.0590)
Sample #3 =	3.5320	(0.0440)
Sample #4 =	3.5220	(0.0460)

Avg % Abs = 3.5290 (0.0497)
STD DEV = 0.0061 (0.0081)
REL STD DEV = 0.172 (16.398)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.9030	(-0.0080)
Sample #2 =	6.8170	(0.1040)
Sample #3 =	6.8030	(0.1070)
Sample #4 =	6.8110	(0.1210)

Avg % Abs = 6.8103 (0.1107)
STD DEV = 0.0070 (0.0091)
REL STD DEV = 0.103 (8.199)

2020.12.18 11:55:00 -05'00'

DERR Digitally signed by DERR Date: 2020.12.18 09:42:59 -05'00'

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um lo = 12832, 9um lo = 13469
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.2390	(-0.0260)
Sample #2 =	5.1310	(0.0740)
Sample #3 =	5.1220	(0.0750)
Sample #4 =	5.1320	(0.0650)

Avg % Abs = 5.1283 (0.0713)
STD DEV = 0.0055 (0.0055)
REL STD DEV = 0.107 (7.721)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.9610	(-0.0050)
Sample #2 =	9.8080	(0.1500)
Sample #3 =	9.7910	(0.1720)
Sample #4 =	9.7820	(0.1760)

Avg % Abs = 9.7937 (0.1660)
STD DEV = 0.0132 (0.0140)
REL STD DEV = 0.135 (8.434)

***** AUTO CAL DATA *****
<<<<< CHANNEL 1 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.067
Std Dev = 0.00 Rel Std Dev = 4.29
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.782
Std Dev = 0.01 Rel Std Dev = 0.94
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.830
Std Dev = 0.03 Rel Std Dev = 1.50
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.529
Std Dev = 0.01 Rel Std Dev = 0.17
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.128
Std Dev = 0.01 Rel Std Dev = 0.11
Zero Order Coef = -166.03
First Order Coef = 2609.55
Second Order Coef = 40.34
Standard Deviation = 15.607716

<<<<< CHANNEL 2 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.113
Std Dev = 0.00 Rel Std Dev = 1.85
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.521
Std Dev = 0.01 Rel Std Dev = 0.43
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.543
Std Dev = 0.01 Rel Std Dev = 0.24
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.810
Std Dev = 0.01 Rel Std Dev = 0.10
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.794
Std Dev = 0.01 Rel Std Dev = 0.13
Zero Order Coef = -136.12
First Order Coef = 1316.64
Second Order Coef = 15.77
Standard Deviation = 27.563675

Opt Bench Cal. Adj.

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	0.0001
0.100	0.100	0.0004
0.200	0.200	-0.0005
0.300	0.300	0.0002

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	0.0000
0.100	0.099	0.0007
0.200	0.201	-0.0008
0.300	0.300	0.0003

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 3292.00
Sample #2 = 3137.00
Sample #3 = 3180.00
Sample #4 = 3284.00
Average Result = 3200.3333
STD DEV = 75.5800
REL STD DEV = 2.362
****
***** CHANNEL 2
Sample #1 = 3417.00
Sample #2 = 3417.00
Sample #3 = 3429.00
Sample #4 = 3461.00
Average Result = 3435.6667
STD DEV = 22.7450
REL STD DEV = 0.662
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1020
3 um H2O Adjust (mg/l*10,000) = 609
9 um H2O Adjust (mg/l*10,000) = 374
**** AUTO CAL PASS

Post Stability Checks

GILCHRIST COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001285
12/17/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:29
Control Test	0.049	09:29
Air Blank	0.000	09:30
Control Test	0.047	09:31
Air Blank	0.000	09:31
Control Test	0.048	09:32
Air Blank	0.000	09:33
Control Test Stats		
Average	0.0480	
Std Dev	0.0010	
Rel Std Dev(%)	2.0833	

wet

Operator's Signature

GILCHRIST COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001285
12/17/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:34
Control Test	0.080	09:34
Air Blank	0.000	09:35
Control Test	0.079	09:36
Air Blank	0.000	09:36
Control Test	0.079	09:37
Air Blank	0.000	09:38
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

Operator's Signature

GILCHRIST COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001285
12/17/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:39
Control Test	0.202	09:39
Air Blank	0.000	09:40
Control Test	0.201	09:41
Air Blank	0.000	09:41
Control Test	0.200	09:42
Air Blank	0.000	09:43
Control Test Stats		
Average	0.2010	
Std Dev	0.0010	
Rel Std Dev(%)	0.4975	

Dry

Operator's Signature

GILCHRIST COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001285
12/17/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:43
Control Test	0.079	09:44
Air Blank	0.000	09:44
Control Test	0.079	09:45
Air Blank	0.000	09:45
Control Test	0.080	09:45
Air Blank	0.000	09:46
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

Operator's Signature

2020.12.18
11:54:05 -05'00'

DERR Digitally signed by DERR
Date: 2020.12.18 09:42:18 -05'00'