FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Citrus County SO S/N 80-000817

Date In 12-11-2020 DI Completion Date 12-14-2020 ☑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:

Quality Checks Performed By IS

☑ Breath Tube Screen
☑ Replace External O-Rings
☑ Instrument Set Up Verified
☑ R-Value 222
☑ Flow Verification (L/s)
Flow Column # ATP-105
32 mm 0.167 (.139 - .169)
36 mm 0.183 (.156 - .190)
53 mm 0.250 (.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	MP5086	202010B 10-05-2022
0.200	MP5090	201904D 04-30-2021
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 21.02
External Digital Therm. ID#: 300505
☑ 34°C +-.2 Serial #: MP5088
☑ 34°C +-.2 Serial #: MP5086
☑ 34°C +-.2 Serial #: MP5090

Final Release Date

FDLE Alcohol Testing Program

Digitally signed by FDLE Alcohol Testing Program
Date: 2020.12.15 23:16:10 -05'00'

Calibration Adjustment Performed By IS

Barometric Pressure Gauge 1019 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	201904D	04-30-2021
0.080 DGS	N/A	AG011102	04-20-2022

Department Inspection Performed By IS

Barometric Pressure ID# 30793
Gauge 1010 Instrument 1011
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:

☑ **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 2020.12.14 09:33:11 -05'00'
Tech Review / Date

2020.12.15 23:15:36 -05'00'
Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: CITRUS COUNTY SO
Serial Number: 80-000817
Time of Inspection: 09:18
Date of Inspection: 12/14/2020
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#:201904D Exp: 04/30/2021	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG011102 Exp: 04/20/2022
0.000	0.048	0.078	0.198	0.079
0.000	0.048	0.078	0.198	0.078
0.000	0.048	0.079	0.198	0.079
0.000	0.048	0.079	0.197	0.079
0.000	0.048	0.079	0.198	0.079
0.000	0.048	0.079	0.197	0.079
0.000	0.048	0.079	0.198	0.078
0.000	0.048	0.079	0.198	0.079
0.000	0.048	0.079	0.197	0.079
0.000	0.049	0.079	0.197	0.079
Standard Deviations	0.0003	0.0004	0.0005	0.0004

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 Number of Simulators Used: 5

Remarks:

2020.12.15 23:15:05 -05'00'

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

12/14/2020
Date

FDLE/ATP Form 41 –Revised August 2005

Stability Checks

CITRUS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000817
12/11/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:12
Control Test	0.048	14:12
Air Blank	0.000	14:13
Control Test	0.048	14:14
Air Blank	0.000	14:14
Control Test	0.049	14:15
Air Blank	0.000	14:15
Control Test Stats		
Average	0.0483	
Std Dev	0.0006	
Rel Std Dev(%)	1.1945	

Operator's Signature

CITRUS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000817
12/11/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:16
Control Test	0.077	14:17
Air Blank	0.000	14:18
Control Test	0.078	14:18
Air Blank	0.000	14:19
Control Test	0.076	14:20
Air Blank	0.000	14:20
Control Test Stats		
Average	0.0770	
Std Dev	0.0010	
Rel Std Dev(%)	1.2987	

Operator's Signature

CITRUS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000817
12/11/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:25
Control Test	0.194	14:25
Air Blank	0.000	14:26
Control Test	0.196	14:27
Air Blank	0.000	14:27
Control Test	0.196	14:28
Air Blank	0.000	14:28
Control Test Stats		
Average	0.1953	
Std Dev	0.0012	
Rel Std Dev(%)	0.5911	

Operator's Signature

wet

CITRUS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000817
12/11/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:30
Control Test	0.080	14:30
Air Blank	0.000	14:31
Control Test	0.080	14:31
Air Blank	0.000	14:31
Control Test	0.080	14:32
Air Blank	0.000	14:32
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Dry

Operator's Signature

2020.12.15 23:14:41 -05'00'

ilac-MRA

ANAB
ANSI National Accreditation Board
ACCREDITED
ISO/IEC 17025
FORENSIC CALIBRATION LABORATORY

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 80-000817 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

			UNCERTAINTY* ±
Serial Number:	80-000817		
Owning Agency:	CITRUS COUNTY SO	0.050 g/ 210 L	0.004
Calibration Date:	12/14/2020	0.080 g/ 210 L	0.005
Calibration Time:	09:18	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.

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

12/14/2020
Date

Israel Soto
ISRAEL SOTO,
Department Inspector

2020.12.15 23:14:13 -05'00'

Optical Bench Cal. Adjust

CITRUS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000817
12/11/2020 14:49:07

Auto Calibration
Max Power Res Value = 77
Auto Range Res Value = 61

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12673, 9um Io = 13840

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1240	(-0.0140)
Sample #2 =	0.1320	(0.0100)
Sample #3 =	0.1400	(0.0490)
Sample #4 =	0.1290	(0.0360)

Avg % Abs = 0.1337 (0.0317)
STD DEV = 0.0057 (0.0199)
REL STD DEV = 4.254 (62.709)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1370	(0.0040)
Sample #2 =	0.1440	(0.0070)
Sample #3 =	0.1400	(0.0230)
Sample #4 =	0.1390	(0.0190)

Avg % Abs = 0.1410 (0.0163)
STD DEV = 0.0026 (0.0083)
REL STD DEV = 1.876 (50.980)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12663, 9um Io = 13834

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8360	(-0.0150)
Sample #2 =	0.8250	(0.0060)
Sample #3 =	0.8280	(0.0480)
Sample #4 =	0.8410	(0.0240)

Avg % Abs = 0.8313 (0.0260)
STD DEV = 0.0085 (0.0211)
REL STD DEV = 1.023 (81.044)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.4820	(-0.0010)
Sample #2 =	1.4780	(-0.0020)
Sample #3 =	1.4930	(0.0030)
Sample #4 =	1.4860	(0.0030)

Avg % Abs = 1.4857 (0.0013)
STD DEV = 0.0075 (0.0029)
REL STD DEV = 0.505 (216.506)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12657, 9um Io = 13832

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.9060	(-0.0160)
Sample #2 =	1.8720	(0.0000)
Sample #3 =	1.8630	(0.0250)
Sample #4 =	1.8610	(0.0450)

Avg % Abs = 1.8653 (0.0233)
STD DEV = 0.0059 (0.0225)
REL STD DEV = 0.314 (96.627)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.4950	(-0.0060)
Sample #2 =	3.4380	(-0.0070)
Sample #3 =	3.4240	(0.0020)
Sample #4 =	3.4490	(0.0160)

Avg % Abs = 3.4370 (0.0017)
STD DEV = 0.0125 (0.0195)
REL STD DEV = 0.365 (510.294)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12654, 9um Io = 13832

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5920	(-0.0050)
Sample #2 =	3.5910	(0.0120)
Sample #3 =	3.5390	(0.0480)
Sample #4 =	3.5680	(0.0350)

Avg % Abs = 3.5660 (0.0317)
STD DEV = 0.0261 (0.0182)
REL STD DEV = 0.731 (57.568)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.6130	(-0.0060)
Sample #2 =	6.6140	(0.0120)
Sample #3 =	6.5740	(0.0280)
Sample #4 =	6.5870	(0.0200)

Avg % Abs = 6.5917 (0.0200)
STD DEV = 0.0204 (0.0080)
REL STD DEV = 0.310 (40.000)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12644, 9um Io = 13826

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.1480	(-0.0240)
Sample #2 =	5.1490	(-0.0280)
Sample #3 =	5.1420	(0.0060)
Sample #4 =	5.1390	(0.0140)

Avg % Abs = 5.1433 (-0.0027)
STD DEV = 0.0051 (0.0223)
REL STD DEV = 0.100 (836.286)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.4790	(-0.0050)
Sample #2 =	9.5110	(-0.0080)
Sample #3 =	9.5040	(0.0070)
Sample #4 =	9.5220	(0.0100)

Avg % Abs = 9.5123 (0.0030)
STD DEV = 0.0191 (0.0096)
REL STD DEV = 0.095 (321.455)

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.134
Std Dev = 0.01 Rel Std Dev = 4.25
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.831
Std Dev = 0.01 Rel Std Dev = 1.02
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.865
Std Dev = 0.01 Rel Std Dev = 0.31
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.566
Std Dev = 0.03 Rel Std Dev = 0.73
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.143
Std Dev = 0.01 Rel Std Dev = 0.10
Zero Order Coef = -330.46
First Order Coef = 2637.30
Second Order Coef = 39.09
Standard Deviation = 34.226063

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.141
Std Dev = 0.00 Rel Std Dev = 1.88
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.486
Std Dev = 0.01 Rel Std Dev = 0.51
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.437
Std Dev = 0.01 Rel Std Dev = 0.36
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.592
Std Dev = 0.02 Rel Std Dev = 0.31
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.512
Std Dev = 0.01 Rel Std Dev = 0.10
Zero Order Coef = -183.70
First Order Coef = 1381.10
Second Order Coef = 14.59
Standard Deviation = 21.758934

2020.12.15 23:13:29 -05'00'

MK

Optical Bench Cal. Adj.

Solution Stats Quadratic Fit Chan 1

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.000	-0.0005
0.040	0.040	0.0003
0.100	0.099	0.0008
0.200	0.201	-0.0010
0.300	0.300	0.0004

Solution Stats Quadratic Fit Chan 2

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.000	-0.0002
0.040	0.040	0.0001
0.100	0.099	0.0006
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 = 3098.00
Sample #2 = 3140.00
Sample #3 = 3145.00
Sample #4 = 3091.00
Average Result = 3125.3333
STD DEV = 29.8385
REL STD DEV = 0.955
****
***** CHANNEL 2
Sample #1 = 3457.00
Sample #2 = 3467.00
Sample #3 = 3472.00
Sample #4 = 3462.00
Average Result = 3467.0000
STD DEV = 5.0000
REL STD DEV = 0.144
****
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1018
3 um H20 Adjust (mg/l*10,000) = 684
9 um H20 Adjust (mg/l*10,000) = 342
**** AUTO CAL PASS

Post Stability Checks

CITRUS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000817
12/11/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:40
Control Test	0.048	15:40
Air Blank	0.000	15:41
Control Test	0.048	15:42
Air Blank	0.000	15:42
Control Test	0.047	15:43
Air Blank	0.000	15:43
Control Test Stats		
Average	0.0477	
Std Dev	0.0006	
Rel Std Dev(%)	1.2112	

Operator's Signature

CITRUS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000817
12/11/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:45
Control Test	0.077	15:46
Air Blank	0.000	15:46
Control Test	0.078	15:47
Air Blank	0.000	15:47
Control Test	0.078	15:48
Air Blank	0.000	15:48
Control Test Stats		
Average	0.0777	
Std Dev	0.0006	
Rel Std Dev(%)	0.7434	

wet

Operator's Signature

CITRUS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000817
12/11/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:50
Control Test	0.198	15:50
Air Blank	0.000	15:51
Control Test	0.198	15:51
Air Blank	0.000	15:52
Control Test	0.197	15:53
Air Blank	0.000	15:53
Control Test Stats		
Average	0.1977	
Std Dev	0.0006	
Rel Std Dev(%)	0.2921	

Operator's Signature

CITRUS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000817
12/11/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:54
Control Test	0.080	15:54
Air Blank	0.000	15:55
Control Test	0.080	15:55
Air Blank	0.000	15:56
Control Test	0.080	15:56
Air Blank	0.000	15:56
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Dry

Operator's Signature

2020.12.15 23:13:08 -05'00'

MK