INSTRUMENT PROCESSING SHEET

FDLE Florida Department of Law Enforcement

Agency Wakulla County S/N 80-000961

Date In 1/23/2020 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 DP

- ☒ Breath Tube Screen
- ☒ Replace External O-Rings
- ☒ Instrument Set Up Verified
- ☒ R-Value 162
- ☒ Flow Verification (L/s)

Flow Column # ATP-105

32 mm	0.140	(.139 - .169)
36 mm	0.156	(.156 - .190)
53 mm	0.222	(.228 - .278)
103 mm	0.464	(.447 - .547)

- ☒ Barometric Pressure Check

Gauge ID # 28427

- ☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD1012	201905A
		05-14-2021
0.080	DR1279	201905B
		05-14-2021
0.200	SD1013	201904D
		04-30-2021
0.080 DGS	N/A	AG9116501
		06-14-2021

Flow Calibration Performed By SP

Flow Column # ATP102

- ☑ 5L/min – 17mm
- ☑ 15L/min – 53mm
- ☑ 30L/min – 103mm
- ☑ R-Value 163
- ☑ Post Calibration Verification (L/s)

Flow Column # ATP105

32 mm	.144	(.139 - .169)
36 mm	.160	(.156 - .190)
53 mm	.238	(.228 - .278)
103 mm	.484	(.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 1016 ID # 28421

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	1-29-21
0.300	MP5085	19010	1-3-21
0.080 DGS	N/A 088	19080A1	6-5-21

☑ 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	AG9116501	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
- ☑ 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**

BJM 2/6/20 Brett Kirkland 2/6/2020

Tech Review / Date 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 80-000961 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-000961
Owning Agency:	WAKULLA COUNTY SO
Calibration Date:	02/05/2020
Calibration Time:	15:02

	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

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

Service • Integrity • Respect • Quality

BM BK 2/6/2020

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: WAKULLA COUNTY SO
Time of Inspection: 15:02
Date of Inspection: 02/05/2020
Serial Number: 80-000961
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	0.048	0.078	0.198	0.080
0.000	0.049	0.079	0.199	0.079
0.000	0.048	0.079	0.199	0.079
0.000	0.048	0.079	0.199	0.079
0.000	0.048	0.079	0.198	0.078
0.000	0.049	0.079	0.198	0.078
0.000	0.049	0.079	0.198	0.078
0.000	0.048	0.079	0.198	0.078
0.000	0.049	0.079	0.198	0.078
0.000	0.049	0.079	0.199	0.079
Standard Deviations	0.0005	0.0003	0.0005	0.0006

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

Remarks:

PBM
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
SHAYLA D PLATT
Signature and Printed Name

02/05/2020
Date

FDLE/ATP Form 41 –Revised August 2005

Stability Checks

WAKULLA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000961
01/28/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:00
Control Test	0.050	10:00
Air Blank	0.000	10:01
Control Test	0.049	10:02
Air Blank	0.000	10:02
Control Test	0.050	10:03
Air Blank	0.000	10:03

Control Test Stats

Average	0.0497
Std Dev	0.0006
Rel Std Dev(%)	1.1625

Operator's Signature

WAKULLA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000961
01/28/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:06
Control Test	0.079	10:07
Air Blank	0.000	10:07
Control Test	0.079	10:08
Air Blank	0.000	10:09
Control Test	0.079	10:09
Air Blank	0.000	10:10

Control Test Stats

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

wet

Operator's Signature

WAKULLA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000961
01/28/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:12
Control Test	0.200	10:12
Air Blank	0.000	10:13
Control Test	0.199	10:14
Air Blank	0.000	10:14
Control Test	0.199	10:15
Air Blank	0.000	10:15

Control Test Stats

Average	0.1993
Std Dev	0.0006
Rel Std Dev(%)	0.2896

Operator's Signature

WAKULLA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000961
01/28/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:18
Control Test	0.083	10:19
Air Blank	0.000	10:19
Control Test	0.083	10:19
Air Blank	0.000	10:20
Control Test	0.083	10:20
Air Blank	0.000	10:21

Control Test Stats

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

Dry

Operator's Signature

WAKULLA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000961
02/05/2020
Software: 8100.27

Flow Rate Calibration********
1: Rate (Liters/min) = 5
SQRT(Diff)) = 5.383
2: Rate (Liters/min) = 15
SQRT(Diff)) = 8.828
3: Rate (Liters/min) = 30
SQRT(Diff)) = 16.938
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 823
Rounded Intercept = -521398
Correlation = 0.99351

PGM
BK
2/6/2020

SP

ENTERED INCORRECT SOLUTION VALUE SP

WAKULLA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000961
02/05/2020 07:29:20

Auto Calibration
Max Power Res Value = 63
Auto Range Res Value = 47

**** AUTO CAL FAIL

WAKULLA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000961
02/05/2020 07:57:10

Auto Calibration
Max Power Res Value = 63
Auto Range Res Value = 47

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12834, 9um Io = 14204

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1070	(-0.0140)
Sample #2 =	0.1180	(-0.0250)
Sample #3 =	0.1250	(-0.0240)
Sample #4 =	0.1110	(-0.0100)

Avg % Abs = 0.1180 (-0.0197)
STD DEV = 0.0070 (0.0084)
REL STD DEV = 5.932 (42.643)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1630	(-0.0090)
Sample #2 =	0.1320	(-0.0060)
Sample #3 =	0.1430	(-0.0030)
Sample #4 =	0.1270	(0.0080)

Avg % Abs = 0.1340 (-0.0003)
STD DEV = 0.0082 (0.0074)
REL STD DEV = 6.108 (2211.335)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12830, 9um Io = 14202

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8350	(-0.0400)
Sample #2 =	0.8390	(-0.0290)
Sample #3 =	0.8380	(-0.0260)
Sample #4 =	0.8460	(0.0030)

Avg % Abs = 0.8410 (-0.0173)
STD DEV = 0.0044 (0.0177)
REL STD DEV = 0.518 (101.959)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5990	(-0.0130)
Sample #2 =	1.6110	(-0.0090)
Sample #3 =	1.5890	(-0.0100)
Sample #4 =	1.6140	(-0.0020)

Avg % Abs = 1.6047 (-0.0070)
STD DEV = 0.0137 (0.0044)
REL STD DEV = 0.851 (62.270)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12828, 9um Io = 14198

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.8740	(-0.0110)
Sample #2 =	1.8940	(0.0000)
Sample #3 =	1.8900	(0.0040)
Sample #4 =	1.8990	(-0.0080)

Avg % Abs = 1.8943 (-0.0013)
STD DEV = 0.0045 (0.0061)
REL STD DEV = 0.238 (458.258)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6910	(-0.0150)
Sample #2 =	3.6990	(-0.0090)
Sample #3 =	3.7110	(-0.0140)
Sample #4 =	3.6900	(-0.0070)

Avg % Abs = 3.7000 (-0.0100)
STD DEV = 0.0105 (0.0036)
REL STD DEV = 0.285 (36.056)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12825, 9um Io = 14197

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6330	(-0.0160)
Sample #2 =	3.6270	(0.0140)
Sample #3 =	3.6510	(0.0000)
Sample #4 =	3.6360	(0.0130)

Avg % Abs = 3.6380 (0.0090)
STD DEV = 0.0121 (0.0078)
REL STD DEV = 0.333 (86.781)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	7.1100	(-0.0130)
Sample #2 =	7.0930	(0.0140)
Sample #3 =	7.1130	(0.0080)
Sample #4 =	7.0980	(0.0090)

Avg % Abs = 7.1013 (0.0103)
STD DEV = 0.0104 (0.0032)
REL STD DEV = 0.147 (31.109)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12820, 9um Io = 14195

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.2550	(-0.0140)
Sample #2 =	5.2520	(-0.0160)
Sample #3 =	5.2760	(-0.0140)
Sample #4 =	5.2670	(-0.0180)

Avg % Abs = 5.2650 (-0.0160)
STD DEV = 0.0121 (0.0020)
REL STD DEV = 0.230 (12.500)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	10.2310	(-0.0100)
Sample #2 =	10.2280	(0.0000)
Sample #3 =	10.2420	(-0.0100)
Sample #4 =	10.2360	(0.0040)

Avg % Abs = 10.2353 (-0.0020)
STD DEV = 0.0070 (0.0072)
REL STD DEV = 0.069 (360.555)

RPM BK 2/6/2020

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.118
Std Dev = 0.01 Rel Std Dev = 5.93
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.841
Std Dev = 0.00 Rel Std Dev = 0.52
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.894
Std Dev = 0.00 Rel Std Dev = 0.24
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.638
Std Dev = 0.01 Rel Std Dev = 0.33
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.265
Std Dev = 0.01 Rel Std Dev = 0.23
Zero Order Coef = -292.25
First Order Coef = 2581.81
Second Order Coef = 35.01
Standard Deviation = 29.095491

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.134
Std Dev = 0.01 Rel Std Dev = 6.11
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.605
Std Dev = 0.01 Rel Std Dev = 0.85
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.700
Std Dev = 0.01 Rel Std Dev = 0.28
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 7.101
Std Dev = 0.01 Rel Std Dev = 0.15
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 10.235
Std Dev = 0.01 Rel Std Dev = 0.07
Zero Order Coef = -165.57
First Order Coef = 1273.21
Second Order Coef = 13.44
Standard Deviation = 23.289728

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	0.0008
0.200	0.201	-0.0008
0.300	0.300	0.0003

Solution Stats Quadratic Fit Chan 2

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0001
0.040	0.040	-0.0002
0.100	0.099	0.0007
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 = 3078.00
Sample #2 = 3065.00
Sample #3 = 2978.00
Sample #4 = 2961.00
Average Result = 3001.3333
STD DEV = 55.7883
REL STD DEV = 1.859
****
***** CHANNEL 2
Sample #1 = 3311.00
Sample #2 = 3274.00
Sample #3 = 3300.00
Sample #4 = 3300.00
Average Result = 3291.3333
STD DEV = 15.0111
REL STD DEV = 0.456
****
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1016
3 um H20 Adjust (mg/l*10,000) = 808
9 um H20 Adjust (mg/l*10,000) = 518
**** AUTO CAL PASS

CAL ADJUSTMENT #80-000961 SP

Post Cal-Adjust Stability Checks #80-000961

WAKULLA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000961
02/05/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:07
Control Test	0.048	12:07
Air Blank	0.000	12:08
Control Test	0.049	12:09
Air Blank	0.000	12:09
Control Test	0.048	12:10
Air Blank	0.000	12:10
Control Test Stats		
Average	0.0483	
Std Dev	0.0006	
Rel Std Dev(%)	1.1945	

SP
Operator's Signature

WAKULLA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000961
02/05/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:33
Control Test	0.080	11:34
Air Blank	0.000	11:34
Control Test	0.079	11:35
Air Blank	0.000	11:36
Control Test	0.079	11:36
Air Blank	0.000	11:37
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

SP
Operator's Signature

WAKULLA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000961
02/05/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:52
Control Test	0.198	11:53
Air Blank	0.000	11:53
Control Test	0.199	11:54
Air Blank	0.000	11:55
Control Test	0.199	11:55
Air Blank	0.000	11:56
Control Test Stats		
Average	0.1987	
Std Dev	0.0006	
Rel Std Dev(%)	0.2906	

SP
Operator's Signature

WAKULLA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000961
02/05/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:25
Control Test	0.080	11:25
Air Blank	0.000	11:26
Control Test	0.080	11:26
Air Blank	0.000	11:27
Control Test	0.081	11:27
Air Blank	0.000	11:28
Control Test Stats		
Average	0.0803	
Std Dev	0.0006	
Rel Std Dev(%)	0.7187	

DGS

SP
Operator's Signature

QP
TSK
2/6/2020