FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Madison County S/N 80-001307

Date In 7/17/2019 DI Completion Date 7/18/19 ☐Ship ☒P/U ☐H/D ☐CMI ☐EE

Intake Performed By

- ☑ 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

JUL 18 2019

Alcohol Testing Program

Quality Checks Performed By RPM

- ☒ Breath Tube Screen
- ☒ Replace External O-Rings
- ☒ Instrument Set Up Verified
- ☒ R-Value 165
- ☒ Flow Verification (L/s)

Flow Column # ATP102

- 32 mm .140 (.139 - .169)
- 36 mm .158 (.156 - .190)
- 53 mm .238 (.228 - .278)
- 103 mm .507 (.447 - .547)

☒ Barometric Pressure Check

Gauge ID # 28427

☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD1018	201707D 7/25/19
0.080	SD3962	201707E 7/25/19
0.200	G2078	201707C 7/24/19
0.080 DGS	N/A	AG916501 6/14/21

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 RPM

- ☒ Lab Temp °C 22.0

External Digital Therm. ID#: 300503

- ☒ 34°C +-.2 Serial #: SD1018
- ☒ 34°C +-.2 Serial #: SD3962
- ☒ 34°C +-.2 Serial #: G2078

Calibration Adjustment Performed By RPM

Barometric Pressure Gauge 1017 ID # 26932

Simulator	Serial Number	Lot Number	Expiration
0.000	G8144	N/A	N/A
0.040	G2403	19080	3/4/21
0.100	G2879	18206	7/3/20
0.200	SD1019	19046	1/29/21
0.300	G8149	18110	4/2/20
0.080 DGS	N/A	1781708DA2	8/5/19

☒ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	SD1018	201707D	7/25/19
0.080	SD3962	201707E	7/25/19
0.200	G2078	201707C	7/24/19
0.080 DGS	N/A	AG916501	6/14/21

Department Inspection Performed By RPM

Barometric Pressure ID# 28427

Gauge 1017 Instrument 1010

Mouth Alcohol Solution Lot # 2018-B

Acetone Stock Solution Lot # 2019-A

Simulator	Serial Number
0.000	G4444
Interferent	G6621
0.050	SD1018
0.080	SD3962
0.200	G2078

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**

SP 7/18/19 Brett Kirkland 7/18/19

Tech Review / Date Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MADISON COUNTY SO
Time of Inspection: 12:54
Date of Inspection: 07/18/2019
Serial Number: 80-001307
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#:201707D Exp: 07/25/2019	0.08g/210L Test (g/210L) Lot#:201707E Exp: 07/25/2019	0.20g/210L Test (g/210L) Lot#:201707C Exp: 07/24/2019	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG916501 Exp: 06/14/2021
0.000	0.048	0.079	0.198	0.080
0.000	0.048	0.080	0.200	0.079
0.000	0.049	0.080	0.200	0.079
0.000	0.049	0.079	0.200	0.079
0.000	0.049	0.079	0.199	0.079
0.000	0.049	0.080	0.199	0.079
0.000	0.049	0.079	0.199	0.079
0.000	0.049	0.080	0.198	0.079
0.000	0.049	0.080	0.198	0.079
0.000	0.049	0.079	0.199	0.079

Standard Deviations	0.0004	0.0005	0.0008	0.0003

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0005 Number of Simulators Used: 5

Remarks:

SP BK 7/18/19

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.

Patrick J Murphy
PATRICK J MURPHY
Signature and Printed Name

07/18/2019
Date

FDLE/ATP Form 41 –Revised August 2005

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
07/18/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:00
Control Test	0.049	08:01
Air Blank	0.000	08:01
Control Test	0.048	08:02
Air Blank	0.000	08:03
Control Test	0.049	08:03
Air Blank	0.000	08:04
Control Test Stats		
Average	0.0487	
Std Dev	0.0006	
Rel Std Dev(%)	1.1863	

Operator's Signature

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
07/18/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:05
Control Test	0.080	08:06
Air Blank	0.000	08:06
Control Test	0.080	08:07
Air Blank	0.000	08:08
Control Test	0.079	08:08
Air Blank	0.000	08:09
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

Operator's Signature

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
07/18/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:10
Control Test	0.194	08:11
Air Blank	0.000	08:12
Control Test	0.196	08:12
Air Blank	0.000	08:13
Control Test	0.197	08:13
Air Blank	0.000	08:14
Control Test Stats		
Average	0.1957	
Std Dev	0.0015	
Rel Std Dev(%)	0.7807	

Operator's Signature

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
07/18/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:40
Control Test	0.077	07:40
Air Blank	0.000	07:41
Control Test	0.078	07:41
Air Blank	0.000	07:42
Control Test	0.077	07:42
Air Blank	0.000	07:43
Control Test Stats		
Average	0.0773	
Std Dev	0.0006	
Rel Std Dev(%)	0.7466	

DGS

Operator's Signature

SP
BK
7/18/19

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
07/18/2019 09:54:23

Auto Calibration
Max Power Res Value = 41
Auto Range Res Value = 34

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12790, 9um Io = 12693

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0840	(-0.0300)
Sample #2 =	0.1240	(-0.0150)
Sample #3 =	0.1140	(-0.0190)
Sample #4 =	0.1110	(-0.0130)

Avg % Abs = 0.1163 (-0.0157)
STD DEV = 0.0068 (0.0031)
REL STD DEV = 5.851 (19.500)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0930	(-0.0210)
Sample #2 =	0.1170	(-0.0070)
Sample #3 =	0.1020	(-0.0080)
Sample #4 =	0.1060	(-0.0100)

Avg % Abs = 0.1083 (-0.0083)
STD DEV = 0.0078 (0.0015)
REL STD DEV = 7.170 (18.330)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12791, 9um Io = 12692

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8650	(-0.0060)
Sample #2 =	0.8550	(0.0300)
Sample #3 =	0.8640	(0.0110)
Sample #4 =	0.8620	(0.0410)

Avg % Abs = 0.8603 (0.0273)
STD DEV = 0.0047 (0.0152)
REL STD DEV = 0.549 (55.525)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5270	(-0.0230)
Sample #2 =	1.5480	(-0.0040)
Sample #3 =	1.5460	(-0.0180)
Sample #4 =	1.5290	(0.0120)

Avg % Abs = 1.5410 (-0.0033)
STD DEV = 0.0104 (0.0150)
REL STD DEV = 0.678 (450.333)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12787, 9um Io = 12690

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.9440	(-0.0110)
Sample #2 =	1.9550	(0.0230)
Sample #3 =	1.9770	(0.0010)
Sample #4 =	1.9560	(0.0060)

Avg % Abs = 1.9627 (0.0100)
STD DEV = 0.0124 (0.0115)
REL STD DEV = 0.633 (115.326)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6030	(-0.0100)
Sample #2 =	3.6540	(-0.0120)
Sample #3 =	3.6400	(-0.0080)
Sample #4 =	3.6290	(-0.0050)

Avg % Abs = 3.6410 (-0.0083)
STD DEV = 0.0125 (0.0035)
REL STD DEV = 0.344 (42.143)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12781, 9um Io = 12686

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6640	(-0.0260)
Sample #2 =	3.6730	(-0.0300)
Sample #3 =	3.6780	(0.0040)
Sample #4 =	3.7030	(-0.0180)

Avg % Abs = 3.6847 (-0.0147)
STD DEV = 0.0161 (0.0172)
REL STD DEV = 0.436 (117.568)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.7930	(-0.0250)
Sample #2 =	6.8500	(-0.0400)
Sample #3 =	6.8530	(-0.0330)
Sample #4 =	6.8580	(-0.0380)

Avg % Abs = 6.8537 (-0.0370)
STD DEV = 0.0040 (0.0036)
REL STD DEV = 0.059 (9.745)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12783, 9um Io = 12689

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.3470	(-0.0180)
Sample #2 =	5.3320	(0.0030)
Sample #3 =	5.3470	(0.0050)
Sample #4 =	5.3230	(0.0290)

Avg % Abs = 5.3340 (0.0123)
STD DEV = 0.0121 (0.0145)
REL STD DEV = 0.227 (117.311)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.8590	(-0.0160)
Sample #2 =	9.8730	(-0.0020)
Sample #3 =	9.8810	(0.0010)
Sample #4 =	9.8660	(0.0180)

Avg % Abs = 9.8733 (0.0057)
STD DEV = 0.0075 (0.0108)
REL STD DEV = 0.076 (190.338)

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.116
Std Dev = 0.01 Rel Std Dev = 5.85
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.860
Std Dev = 0.00 Rel Std Dev = 0.55
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.963
Std Dev = 0.01 Rel Std Dev = 0.63
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.685
Std Dev = 0.02 Rel Std Dev = 0.44
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.334
Std Dev = 0.01 Rel Std Dev = 0.23
Zero Order Coef = -287.94
First Order Coef = 2495.13
Second Order Coef = 44.58
Standard Deviation = 13.387872

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.108
Std Dev = 0.01 Rel Std Dev = 7.17
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.541
Std Dev = 0.01 Rel Std Dev = 0.68
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.641
Std Dev = 0.01 Rel Std Dev = 0.34
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.854
Std Dev = 0.00 Rel Std Dev = 0.06
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.873
Std Dev = 0.01 Rel Std Dev = 0.08
Zero Order Coef = -134.99
First Order Coef = 1286.00
Second Order Coef = 17.71
Standard Deviation = 14.684698

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0001
0.040	0.040	0.0003
0.100	0.100	-0.0004
0.200	0.200	0.0003
0.300	0.300	-0.0001

8P BK 7/18/19

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	0.0003
0.100	0.100	-0.0004
0.200	0.200	0.0003
0.300	0.300	-0.0001

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 2928.00
Sample #2 = 2957.00
Sample #3 = 2987.00
Sample #4 = 2862.00
Average Result = 2935.3333
STD DEV = 65.2559
REL STD DEV = 2.223
****
***** CHANNEL 2
Sample #1 = 3315.00
Sample #2 = 3314.00
Sample #3 = 3296.00
Sample #4 = 3276.00
Average Result = 3295.3333
STD DEV = 19.0088
REL STD DEV = 0.577
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1017
3 um H2O Adjust (mg/l*10,000) = 874
9 um H2O Adjust (mg/l*10,000) = 514
**** AUTO CAL PASS

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
07/18/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:38
Control Test	0.050	10:39
Air Blank	0.000	10:40
Control Test	0.049	10:40
Air Blank	0.000	10:41
Control Test	0.049	10:42
Air Blank	0.000	10:42
Control Test Stats		
Average	0.0493	
Std Dev	0.0006	
Rel Std Dev(%)	1.1703	

C Murphy
Operator's Signature

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
07/18/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:46
Control Test	0.080	10:47
Air Blank	0.000	10:47
Control Test	0.080	10:48
Air Blank	0.000	10:48
Control Test	0.080	10:49
Air Blank	0.000	10:50
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

C Murphy
Operator's Signature

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
07/18/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:57
Control Test	0.079	10:58
Air Blank	0.000	10:58
Control Test	0.079	10:58
Air Blank	0.000	10:59
Control Test	0.079	10:59
Air Blank	0.000	11:00
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS

C Murphy
Operator's Signature

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
07/18/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:52
Control Test	0.198	10:53
Air Blank	0.000	10:53
Control Test	0.199	10:54
Air Blank	0.000	10:55
Control Test	0.198	10:55
Air Blank	0.000	10:56
Control Test Stats		
Average	0.1983	
Std Dev	0.0006	
Rel Std Dev(%)	0.2911	

C Murphy
Operator's Signature

80-001307

Post Cal Adjust
Stabilities

SP BK 7/18/19

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 80-001307 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-001307
Owning Agency:	MADISON COUNTY SO
Calibration Date:	07/18/2019
Calibration Time:	12:54

	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).

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.

07/18/2019
Date

Patrick J Murphy
PATRICK J MURPHY,
Department Inspector

SP
BK 7/18/19

FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Madison County S/N 80-001307

Date In 7/17/2019 DI Completion Date 7/18/19 ☐Ship ☒P/U ☐H/D ☐CMI ☐EE

Intake Performed By

- ☑ 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

JUL 18 2019

Alcohol Testing Program

Quality Checks Performed By RPM

- ☒ Breath Tube Screen
- ☒ Replace External O-Rings
- ☒ Instrument Set Up Verified
- ☒ R-Value 165
- ☒ Flow Verification (L/s)

Flow Column # ATP102

- 32 mm .140 (.139 - .169)
- 36 mm .158 (.156 - .190)
- 53 mm .238 (.228 - .278)
- 103 mm .507 (.447 - .547)

☒ Barometric Pressure Check

Gauge ID # 28427

☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD1018	201707D 7/25/19
0.080	SD3962	201707E 7/25/19
0.200	G2078	201707C 7/24/19
0.080 DGS	N/A	AG916501 6/14/21

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 RPM

- ☒ Lab Temp °C 22.0

External Digital Therm. ID#: 300503

- ☒ 34°C +-.2 Serial #: SD1018
- ☒ 34°C +-.2 Serial #: SD3962
- ☒ 34°C +-.2 Serial #: G2078

Calibration Adjustment Performed By RPM

Barometric Pressure Gauge 1017 ID # 26932

Simulator	Serial Number	Lot Number	Expiration
0.000	G8144	N/A	N/A
0.040	G2403	19080	3/4/21
0.100	G2879	18206	7/3/20
0.200	SD1019	19046	1/29/21
0.300	G8149	18110	4/2/20
0.080 DGS	N/A	1781708DA2	8/5/19

☒ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	SD1018	201707D	7/25/19
0.080	SD3962	201707E	7/25/19
0.200	G2078	201707C	7/24/19
0.080 DGS	N/A	AG916501	6/14/21

Department Inspection Performed By RPM

Barometric Pressure ID# 28427

Gauge 1017 Instrument 1010

Mouth Alcohol Solution Lot # 2018-B

Acetone Stock Solution Lot # 2019-A

Simulator	Serial Number
0.000	G4444
Interferent	G6621
0.050	SD1018
0.080	SD3962
0.200	G2078

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**

SP 7/18/19 Brett Kirkland 7/18/19

Tech Review / Date Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MADISON COUNTY SO
Time of Inspection: 12:54
Date of Inspection: 07/18/2019
Serial Number: 80-001307
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#:201707D Exp: 07/25/2019	0.08g/210L Test (g/210L) Lot#:201707E Exp: 07/25/2019	0.20g/210L Test (g/210L) Lot#:201707C Exp: 07/24/2019	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG916501 Exp: 06/14/2021
0.000	0.048	0.079	0.198	0.080
0.000	0.048	0.080	0.200	0.079
0.000	0.049	0.080	0.200	0.079
0.000	0.049	0.079	0.200	0.079
0.000	0.049	0.079	0.199	0.079
0.000	0.049	0.080	0.199	0.079
0.000	0.049	0.079	0.199	0.079
0.000	0.049	0.080	0.198	0.079
0.000	0.049	0.080	0.198	0.079
0.000	0.049	0.079	0.199	0.079

Standard Deviations	0.0004	0.0005	0.0008	0.0003

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0005 Number of Simulators Used: 5

Remarks:

SP BK 7/18/19

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.

Patrick J Murphy
PATRICK J MURPHY
Signature and Printed Name

07/18/2019
Date

FDLE/ATP Form 41 –Revised August 2005

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
07/18/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:00
Control Test	0.049	08:01
Air Blank	0.000	08:01
Control Test	0.048	08:02
Air Blank	0.000	08:03
Control Test	0.049	08:03
Air Blank	0.000	08:04
Control Test Stats		
Average	0.0487	
Std Dev	0.0006	
Rel Std Dev(%)	1.1863	

Operator's Signature

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
07/18/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:05
Control Test	0.080	08:06
Air Blank	0.000	08:06
Control Test	0.080	08:07
Air Blank	0.000	08:08
Control Test	0.079	08:08
Air Blank	0.000	08:09
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

Operator's Signature

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
07/18/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:10
Control Test	0.194	08:11
Air Blank	0.000	08:12
Control Test	0.196	08:12
Air Blank	0.000	08:13
Control Test	0.197	08:13
Air Blank	0.000	08:14
Control Test Stats		
Average	0.1957	
Std Dev	0.0015	
Rel Std Dev(%)	0.7807	

Operator's Signature

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
07/18/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:40
Control Test	0.077	07:40
Air Blank	0.000	07:41
Control Test	0.078	07:41
Air Blank	0.000	07:42
Control Test	0.077	07:42
Air Blank	0.000	07:43
Control Test Stats		
Average	0.0773	
Std Dev	0.0006	
Rel Std Dev(%)	0.7466	

DGS

Operator's Signature

SP
BK
7/18/19

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
07/18/2019 09:54:23

Auto Calibration
Max Power Res Value = 41
Auto Range Res Value = 34

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12790, 9um Io = 12693

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0840	(-0.0300)
Sample #2 =	0.1240	(-0.0150)
Sample #3 =	0.1140	(-0.0190)
Sample #4 =	0.1110	(-0.0130)

Avg % Abs = 0.1163 (-0.0157)
STD DEV = 0.0068 (0.0031)
REL STD DEV = 5.851 (19.500)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0930	(-0.0210)
Sample #2 =	0.1170	(-0.0070)
Sample #3 =	0.1020	(-0.0080)
Sample #4 =	0.1060	(-0.0100)

Avg % Abs = 0.1083 (-0.0083)
STD DEV = 0.0078 (0.0015)
REL STD DEV = 7.170 (18.330)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12791, 9um Io = 12692

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8650	(-0.0060)
Sample #2 =	0.8550	(0.0300)
Sample #3 =	0.8640	(0.0110)
Sample #4 =	0.8620	(0.0410)

Avg % Abs = 0.8603 (0.0273)
STD DEV = 0.0047 (0.0152)
REL STD DEV = 0.549 (55.525)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5270	(-0.0230)
Sample #2 =	1.5480	(-0.0040)
Sample #3 =	1.5460	(-0.0180)
Sample #4 =	1.5290	(0.0120)

Avg % Abs = 1.5410 (-0.0033)
STD DEV = 0.0104 (0.0150)
REL STD DEV = 0.678 (450.333)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12787, 9um Io = 12690

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.9440	(-0.0110)
Sample #2 =	1.9550	(0.0230)
Sample #3 =	1.9770	(0.0010)
Sample #4 =	1.9560	(0.0060)

Avg % Abs = 1.9627 (0.0100)
STD DEV = 0.0124 (0.0115)
REL STD DEV = 0.633 (115.326)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6030	(-0.0100)
Sample #2 =	3.6540	(-0.0120)
Sample #3 =	3.6400	(-0.0080)
Sample #4 =	3.6290	(-0.0050)

Avg % Abs = 3.6410 (-0.0083)
STD DEV = 0.0125 (0.0035)
REL STD DEV = 0.344 (42.143)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12781, 9um Io = 12686

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6640	(-0.0260)
Sample #2 =	3.6730	(-0.0300)
Sample #3 =	3.6780	(0.0040)
Sample #4 =	3.7030	(-0.0180)

Avg % Abs = 3.6847 (-0.0147)
STD DEV = 0.0161 (0.0172)
REL STD DEV = 0.436 (117.568)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.7930	(-0.0250)
Sample #2 =	6.8500	(-0.0400)
Sample #3 =	6.8530	(-0.0330)
Sample #4 =	6.8580	(-0.0380)

Avg % Abs = 6.8537 (-0.0370)
STD DEV = 0.0040 (0.0036)
REL STD DEV = 0.059 (9.745)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12783, 9um Io = 12689

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.3470	(-0.0180)
Sample #2 =	5.3320	(0.0030)
Sample #3 =	5.3470	(0.0050)
Sample #4 =	5.3230	(0.0290)

Avg % Abs = 5.3340 (0.0123)
STD DEV = 0.0121 (0.0145)
REL STD DEV = 0.227 (117.311)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.8590	(-0.0160)
Sample #2 =	9.8730	(-0.0020)
Sample #3 =	9.8810	(0.0010)
Sample #4 =	9.8660	(0.0180)

Avg % Abs = 9.8733 (0.0057)
STD DEV = 0.0075 (0.0108)
REL STD DEV = 0.076 (190.338)

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.116
Std Dev = 0.01 Rel Std Dev = 5.85
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.860
Std Dev = 0.00 Rel Std Dev = 0.55
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.963
Std Dev = 0.01 Rel Std Dev = 0.63
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.685
Std Dev = 0.02 Rel Std Dev = 0.44
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.334
Std Dev = 0.01 Rel Std Dev = 0.23
Zero Order Coef = -287.94
First Order Coef = 2495.13
Second Order Coef = 44.58
Standard Deviation = 13.387872

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.108
Std Dev = 0.01 Rel Std Dev = 7.17
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.541
Std Dev = 0.01 Rel Std Dev = 0.68
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.641
Std Dev = 0.01 Rel Std Dev = 0.34
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.854
Std Dev = 0.00 Rel Std Dev = 0.06
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.873
Std Dev = 0.01 Rel Std Dev = 0.08
Zero Order Coef = -134.99
First Order Coef = 1286.00
Second Order Coef = 17.71
Standard Deviation = 14.684698

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0001
0.040	0.040	0.0003
0.100	0.100	-0.0004
0.200	0.200	0.0003
0.300	0.300	-0.0001

8P BK 7/18/19

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	0.0003
0.100	0.100	-0.0004
0.200	0.200	0.0003
0.300	0.300	-0.0001

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 2928.00
Sample #2 = 2957.00
Sample #3 = 2987.00
Sample #4 = 2862.00
Average Result = 2935.3333
STD DEV = 65.2559
REL STD DEV = 2.223
****
***** CHANNEL 2
Sample #1 = 3315.00
Sample #2 = 3314.00
Sample #3 = 3296.00
Sample #4 = 3276.00
Average Result = 3295.3333
STD DEV = 19.0088
REL STD DEV = 0.577
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1017
3 um H2O Adjust (mg/l*10,000) = 874
9 um H2O Adjust (mg/l*10,000) = 514
**** AUTO CAL PASS

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
07/18/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:38
Control Test	0.050	10:39
Air Blank	0.000	10:40
Control Test	0.049	10:40
Air Blank	0.000	10:41
Control Test	0.049	10:42
Air Blank	0.000	10:42
Control Test Stats		
Average	0.0493	
Std Dev	0.0006	
Rel Std Dev(%)	1.1703	

C Murphy
Operator's Signature

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
07/18/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:46
Control Test	0.080	10:47
Air Blank	0.000	10:47
Control Test	0.080	10:48
Air Blank	0.000	10:48
Control Test	0.080	10:49
Air Blank	0.000	10:50
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

C Murphy
Operator's Signature

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
07/18/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:57
Control Test	0.079	10:58
Air Blank	0.000	10:58
Control Test	0.079	10:58
Air Blank	0.000	10:59
Control Test	0.079	10:59
Air Blank	0.000	11:00
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS

C Murphy
Operator's Signature

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
07/18/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:52
Control Test	0.198	10:53
Air Blank	0.000	10:53
Control Test	0.199	10:54
Air Blank	0.000	10:55
Control Test	0.198	10:55
Air Blank	0.000	10:56
Control Test Stats		
Average	0.1983	
Std Dev	0.0006	
Rel Std Dev(%)	0.2911	

C Murphy
Operator's Signature

80-001307

Post Cal Adjust
Stabilities

SP BK 7/18/19

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 80-001307 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-001307
Owning Agency:	MADISON COUNTY SO
Calibration Date:	07/18/2019
Calibration Time:	12:54

	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).

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.

07/18/2019
Date

Patrick J Murphy
PATRICK J MURPHY,
Department Inspector

SP
BK 7/18/19

INSTRUMENT PROCESSING SHEET

Florida Department of Law Enforcement

Agency Madison County S/N 80-001307

Date In 5/22/2019 DI Completion Date 5/28/19 ☐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

MAY 29 2019

Alcohol Testing Program

Quality Checks Performed By DGM

- ☒ Breath Tube Screen
- ☒ Replace External O-Rings
- ☒ Instrument Set Up Verified
- ☒ R-Value 165
- ☒ Flow Verification (L/s)

Flow Column # ATP105

32 mm	.148	(.139 - .169)
36 mm	.171	(.156 - .190)
53 mm	.234	(.228 - .278)
103 mm	.519	(.447 - .547)

- ☒ Barometric Pressure Check

Gauge ID # 28427

- ☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD1018	2017070 7/25/19
0.080	SD3962	201707E 7/25/19
0.200	G2078	2017070 7/24/19
0.080 DGS	N/A	AG831804 11/14/20

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 DGM

- ☒ Lab Temp °C 21.0

External Digital Therm. ID#: 300503

- ☒ 34°C +-.2 Serial #: SD1018
- ☒ 34°C +-.2 Serial #: SD3962
- ☒ 34°C +-.2 Serial #: G2078

Calibration Adjustment Performed By _____

Barometric Pressure Gauge _____ ID # _____

Simulator	Serial Number	Lot Number	Expiration
0.000		N/A	N/A
0.040			
0.100			
0.200			
0.300			
0.080 DGS	N/A		

☐ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050			
0.080			
0.200			
0.080 DGS	N/A		

Department Inspection Performed By DGM

Barometric Pressure ID# 28427

Gauge 1014 Instrument 1006

Mouth Alcohol Solution Lot # 2018-B

Acetone Stock Solution Lot # 2018-A

Simulator	Serial Number
0.000	G4444
Interferent	G6621
0.050	SD1018
0.080	SD3962
0.200	G2078

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**

SP 5/29/19 Tech Review / Date

JJ Zahn 5/29/19 Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MADISON COUNTY SO
Time of Inspection: 12:25

Date of Inspection: 05/28/2019

Serial Number: 80-001307
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#:201707D Exp: 07/25/2019	0.08g/210L Test (g/210L) Lot#:201707E Exp: 07/25/2019	0.20g/210L Test (g/210L) Lot#:201707C Exp: 07/24/2019	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG831804 Exp: 11/14/2020
0.000	0.050	0.080	0.197	0.077
0.000	0.049	0.080	0.199	0.078
0.000	0.050	0.080	0.198	0.078
0.000	0.050	0.080	0.198	0.078
0.000	0.050	0.080	0.198	0.078
0.000	0.050	0.081	0.197	0.078
0.000	0.050	0.080	0.197	0.078
0.000	0.050	0.080	0.198	0.077
0.000	0.050	0.080	0.198	0.077
0.000	0.050	0.081	0.198	0.078

Standard Deviations	0.0003	0.0004	0.0006	0.0004

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

Remarks:

SP

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.

Patrick J Murphy
Signature and Printed Name

PATRICK J MURPHY

05/28/2019
Date

5/29/19

FDLE/ATP Form 41 –Revised August 2005

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
05/28/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:58
Control Test	0.049	09:58
Air Blank	0.000	09:59
Control Test	0.049	10:00
Air Blank	0.000	10:00
Control Test	0.050	10:01
Air Blank	0.000	10:01
Control Test Stats		
Average	0.0493	
Std Dev	0.0006	
Rel Std Dev(%)	1.1703	

P Murphy
Operator's Signature

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
05/28/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:03
Control Test	0.080	10:04
Air Blank	0.000	10:04
Control Test	0.080	10:05
Air Blank	0.000	10:05
Control Test	0.080	10:06
Air Blank	0.000	10:06
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

P Murphy
Operator's Signature

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
05/28/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:08
Control Test	0.194	10:09
Air Blank	0.000	10:10
Control Test	0.197	10:10
Air Blank	0.000	10:11
Control Test	0.197	10:11
Air Blank	0.000	10:12
Control Test Stats		
Average	0.1960	
Std Dev	0.0017	
Rel Std Dev(%)	0.8837	

P Murphy
Operator's Signature

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
05/28/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:14
Control Test	0.078	10:14
Air Blank	0.000	10:14
Control Test	0.078	10:15
Air Blank	0.000	10:15
Control Test	0.079	10:16
Air Blank	0.000	10:16
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

DGS

P Murphy
Operator's Signature

SP

5/28/19

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 80-001307 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-001307
Owning Agency:	MADISON COUNTY SO
Calibration Date:	05/28/2019
Calibration Time:	12:25

	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).

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.

05/28/2019
Date

Patrick J Murphy
PATRICK J MURPHY
Department Inspector

SP

5/29/19
JD