INSTRUMENT PROCESSING SHEET

FDLE Florida Department of Law Enforcement

Agency Manatee County S/N 80-006559

Date In 7/17/2019 DI Completion Date 7/23/19 ☒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

JUL 24 2019

Alcohol Testing Program

Quality Checks Performed By SP

- ☒ Breath Tube Screen
- ☒ Replace External O-Rings
- ☒ Instrument Set Up Verified
- ☒ R-Value 203
- ☒ Flow Verification (L/s)

Flow Column # ATP103

32 mm	.148	(.139 - .169)
36 mm	.164	(.156 - .190)
53 mm	.238	(.228 - .278)
103 mm	.496	(.447 - .547)

- ☒ Barometric Pressure Check

Gauge ID # 26932

- ☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD1012	201707D 7-25-19
0.080	DR1279	201707E 7-25-19
0.200	SD1013	201707C 7-24-19
0.080 DGS	N/A	AG914501 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 SP

- ☒ Lab Temp °C 21.4

External Digital Therm. ID#: 300505

- ☒ 34°C +-.2 Serial #: SD1012
- ☒ 34°C +-.2 Serial #: DR1279
- ☒ 34°C +-.2 Serial #: SD1013

Calibration Adjustment Performed By SP

Barometric Pressure Gauge 1012 ID # 28427

Simulator	Serial Number	Lot Number	Expiration
0.000	G8144	N/A	N/A
0.040	G2403	19080	3-4-21
0.100	G2879	18200	7-3-20
0.200	SD1019	19040	1-29-21
0.300	G8142	18110	4-2-20
0.080 DGS	N/A	17817080A2	8-5-19

- ☒ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	SD1012	201707D	7-25-19
0.080	DR1279	201707E	7-25-19
0.200	SD1013	201707C	7-24-19
0.080 DGS	N/A	AG914501	6-14-21

Department Inspection Performed By SP

Barometric Pressure ID# 26932

Gauge SR284 1012 Instrument 1011

Mouth Alcohol Solution Lot # 2018-B

Acetone Stock Solution Lot # 2018-A

Simulator	Serial Number
0.000	G2408
Interferent	G2882
0.050	SD1012
0.080	DR1279
0.200	SD1013

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**

QJM 7/23/19 Tech Review / Date

Brett Kirkland 7/23/19 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 80-006559 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-006559
Owning Agency:	MANATEE COUNTY SO
Calibration Date:	07/23/2019
Calibration Time:	12:26

	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.

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

07/23/2019
Date

Shayla Platt
SHAYLA D PLATT,
Department Inspector

BDM BK 7/23/19

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MANATEE COUNTY SO
Time of Inspection: 12:26
Date of Inspection: 07/23/2019
Serial Number: 80-006559
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	0.077	0.196	0.080
0.000	0.049	0.079	0.199	0.080
0.000	0.049	0.080	0.200	0.080
0.000	0.049	0.079	0.199	0.080
0.000	0.049	0.080	0.199	0.080
0.000	0.050	0.080	0.199	0.080
0.000	0.049	0.080	0.199	0.080
0.000	0.049	0.080	0.199	0.080
0.000	0.049	0.080	0.199	0.080
0.000	0.049	0.080	0.199	0.080

Standard Deviations	0.0004	0.0009	0.0010	0.0000

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

Remarks:

FDM
BK
7/23/19

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.

Shayla Platt SHAYLA D PLATT
Signature and Printed Name

07/23/2019
Date

FDLE/ATP Form 41 –Revised August 2005

Stability Checks #80-006559

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006559
07/23/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:58
Control Test	0.047	07:59
Air Blank	0.000	08:00
Control Test	0.047	08:00
Air Blank	0.000	08:01
Control Test	0.047	08:01
Air Blank	0.000	08:02
Control Test Stats		
Average	0.0470	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP
Operator's Signature

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006559
07/23/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:03
Control Test	0.076	08:04
Air Blank	0.000	08:04
Control Test	0.077	08:05
Air Blank	0.000	08:05
Control Test	0.077	08:06
Air Blank	0.000	08:07
Control Test Stats		
Average	0.0767	
Std Dev	0.0006	
Rel Std Dev(%)	0.7531	

SP
Operator's Signature

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006559
07/23/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:08
Control Test	0.194	08:09
Air Blank	0.000	08:09
Control Test	0.195	08:10
Air Blank	0.000	08:10
Control Test	0.195	08:11
Air Blank	0.000	08:12
Control Test Stats		
Average	0.1947	
Std Dev	0.0006	
Rel Std Dev(%)	0.2966	

SP
Operator's Signature

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006559
07/23/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:13
Control Test	0.081	08:13
Air Blank	0.000	08:14
Control Test	0.080	08:14
Air Blank	0.000	08:14
Control Test	0.081	08:15
Air Blank	0.000	08:15
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel Std Dev(%)	0.7157	

DGS

SP
Operator's Signature

RBM
BK
7/23/19

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006559
07/23/2019 09:31:08

Auto Calibration
Max Power Res Value = 100
Auto Range Res Value = 72

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12517, 9um Io = 12717

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	-0.0240	(-0.0040)
Sample #2 =	0.0210	(-0.0060)
Sample #3 =	0.0150	(0.0100)
Sample #4 =	0.0210	(0.0180)

Avg % Abs = 0.0190 (0.0073)
STD DEV = 0.0035 (0.0122)
REL STD DEV = 18.232 (166.639)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0880	(0.0030)
Sample #2 =	0.1070	(-0.0050)
Sample #3 =	0.1180	(-0.0190)
Sample #4 =	0.1180	(-0.0160)

Avg % Abs = 0.1143 (-0.0133)
STD DEV = 0.0064 (0.0074)
REL STD DEV = 5.555 (55.283)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12510, 9um Io = 12717

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7070	(-0.0070)
Sample #2 =	0.7150	(0.0010)
Sample #3 =	0.7130	(0.0140)
Sample #4 =	0.7260	(0.0010)

Avg % Abs = 0.7180 (0.0053)
STD DEV = 0.0070 (0.0075)
REL STD DEV = 0.975 (140.729)

Adm
BK 1/23/19

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.4700	(-0.0030)
Sample #2 =	1.4640	(-0.0020)
Sample #3 =	1.4810	(-0.0030)
Sample #4 =	1.4930	(-0.0070)

Avg % Abs = 1.4793 (-0.0040)
STD DEV = 0.0146 (0.0026)
REL STD DEV = 0.985 (66.144)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12509, 9um Io = 12715

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.7970	(-0.0150)
Sample #2 =	1.8110	(0.0000)
Sample #3 =	1.8080	(0.0060)
Sample #4 =	1.7620	(0.0360)

Avg % Abs = 1.7937 (0.0140)
STD DEV = 0.0275 (0.0193)
REL STD DEV = 1.531 (137.766)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.4330	(-0.0020)
Sample #2 =	3.4750	(-0.0150)
Sample #3 =	3.4740	(-0.0140)
Sample #4 =	3.4520	(0.0100)

Avg % Abs = 3.4670 (-0.0063)
STD DEV = 0.0130 (0.0142)
REL STD DEV = 0.375 (223.483)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12504, 9um Io = 12715

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.4590	(-0.0290)
Sample #2 =	3.4570	(0.0180)
Sample #3 =	3.4820	(0.0060)
Sample #4 =	3.4280	(0.0420)

Avg % Abs = 3.4557 (0.0220)
STD DEV = 0.0270 (0.0183)
REL STD DEV = 0.782 (83.320)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.4720	(0.0000)
Sample #2 =	6.5250	(0.0180)
Sample #3 =	6.5700	(0.0120)
Sample #4 =	6.5340	(0.0480)

Avg % Abs = 6.5430 (0.0260)
STD DEV = 0.0238 (0.0193)
REL STD DEV = 0.364 (74.182)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12502, 9um Io = 12711

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.0380	(-0.0070)
Sample #2 =	5.0730	(0.0140)
Sample #3 =	5.0910	(0.0200)
Sample #4 =	5.1350	(0.0080)

Avg % Abs = 5.0997 (0.0140)
STD DEV = 0.0319 (0.0060)
REL STD DEV = 0.625 (42.857)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.3980	(-0.0080)
Sample #2 =	9.4860	(-0.0050)
Sample #3 =	9.5030	(-0.0080)
Sample #4 =	9.5240	(-0.0110)

Avg % Abs = 9.5043 (-0.0080)
STD DEV = 0.0190 (0.0030)
REL STD DEV = 0.200 (37.500)

CALIBRATION ADJUSTMENT
#80-006559 SP

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.019
Std Dev = 0.00 Rel Std Dev = 18.23
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.718
Std Dev = 0.01 Rel Std Dev = 0.97
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.794
Std Dev = 0.03 Rel Std Dev = 1.53
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.456
Std Dev = 0.03 Rel Std Dev = 0.78
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.100
Std Dev = 0.03 Rel Std Dev = 0.63
Zero Order Coef = -44.23
First Order Coef = 2648.69
Second Order Coef = 32.00
Standard Deviation = 33.292217

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.114
Std Dev = 0.01 Rel Std Dev = 5.55
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.479
Std Dev = 0.01 Rel Std Dev = 0.99
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.467
Std Dev = 0.01 Rel Std Dev = 0.37
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.543
Std Dev = 0.02 Rel Std Dev = 0.36
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.504
Std Dev = 0.02 Rel Std Dev = 0.20
Zero Order Coef = -165.73
First Order Coef = 1376.51
Second Order Coef = 15.26
Standard Deviation = 21.451712

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0001
0.040	0.039	0.0006
0.100	0.101	-0.0010
0.200	0.199	0.0007
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	0.0002
0.040	0.040	0.0000
0.100	0.101	-0.0006
0.200	0.199	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 = 3728.00
Sample #2 = 3614.00
Sample #3 = 3712.00
Sample #4 = 3633.00
Average Result = 3653.0000
STD DEV = 51.9711
REL STD DEV = 1.423
****
***** CHANNEL 2
Sample #1 = 3406.00
Sample #2 = 3404.00
Sample #3 = 3423.00
Sample #4 = 3399.00
Average Result = 3408.6667
STD DEV = 12.6623
REL STD DEV = 0.371
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1011
3 um H2O Adjust (mg/l*10,000) = 156
9 um H2O Adjust (mg/l*10,000) = 401
**** AUTO CAL PASS

Post CAL Adjust Stability Checks

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006559
07/23/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:38
Control Test	0.049	10:39
Air Blank	0.000	10:39
Control Test	0.049	10:40
Air Blank	0.000	10:41
Control Test	0.049	10:41
Air Blank	0.000	10:42

Control Test Stats

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

SP
Operator's Signature

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006559
07/23/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:23
Control Test	0.079	10:23
Air Blank	0.000	10:24
Control Test	0.080	10:25
Air Blank	0.000	10:25
Control Test	0.080	10:26
Air Blank	0.000	10:26

Control Test Stats

Average	0.0797
Std Dev	0.0006
Rel Std Dev(%)	0.7247

SP
Operator's Signature

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006559
07/23/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:33
Control Test	0.199	10:34
Air Blank	0.000	10:35
Control Test	0.199	10:35
Air Blank	0.000	10:36
Control Test	0.199	10:37
Air Blank	0.000	10:37

Control Test Stats

Average	0.1990
Std Dev	0.0000
Rel Std Dev(%)	0.0000

SP
Operator's Signature

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006559
07/23/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:29
Control Test	0.080	10:29
Air Blank	0.000	10:29
Control Test	0.080	10:30
Air Blank	0.000	10:30
Control Test	0.080	10:31
Air Blank	0.000	10:31

Control Test Stats

Average	0.0800
Std Dev	0.0000
Rel Std Dev(%)	0.0000

DGS

SP
Operator's Signature

RDM

BK
7/23/19