FDLE

Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Collier County Sheriff's Office S/N 80-007077

Date In 01/03/2019 DI Completion Date 01/03/2019 ☐Ship ☑P/U ☐H/D ☐CMI ☐EE

Intake Performed By Dere

- ☑ 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

JAN 14 2019

Alcohol Testing Program

Quality Checks Performed By Dere

- ☑ Breath Tube Screen
- ☑ Replace External O-Rings
- ☑ Instrument Set Up Verified
- ☑ R-Value 158
- ☑ Flow Verification (L/s)

Flow Column # ATP 106

32 mm	.156	(.139 - .169)
36 mm	.179	(.156 - .190)
53 mm	.246	(.228 - .278)
103 mm	.519	(.447 - .547)

- ☑ Barometric Pressure Check

Gauge ID # 28663

- ☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD3967	201707D
		07/25/2019
0.080	SD3968	201707E
		07/25/2019
0.200	SD3969	201707C
		07/24/2019
0.080 DGS	N/A	AG805701
		02/26/2020

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 Dere

- ☐ Battery Replacement
- ☐ Dry Gas Regulator Replacement
- ☐ Breath Tube Replacement
- ☑ Other Form Load/Pass Changed

Temperature Checks Performed By Dere

- ☑ Lab Temp °C 21.92C

External Digital Therm. ID#: 300918

- ☑ 34°C +-.2 Serial #: SD3967
- ☑ 34°C +-.2 Serial #: SD3968
- ☑ 34°C +-.2 Serial #: SD3969

Calibration Adjustment Performed By Dere

Barometric Pressure Gauge 1019 ID # 28663

Simulator	Serial Number	Lot Number	Expiration
0.000	2235	N/A	N/A
0.040	2108	17410	12/06/2019
0.100	MP4863	18070	02/26/2020
0.200	MP4864	17340	10/09/2019
0.300	SD3963	18110	04/02/2020
0.080 DGS	N/A	34416080A2	02/05/2019

☑ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	SD3967	201707D	07/25/2019
0.080	SD3968	201707E	07/25/2019
0.200	SD3969	201707C	07/24/2019
0.080 DGS	N/A	AG805701	02/26/2020

Department Inspection Performed By Dere

Barometric Pressure ID# 68639

Gauge 1018 Instrument 1017

Mouth Alcohol Solution Lot # 2017-B

Acetone Stock Solution Lot # 2018-A

Simulator	Serial Number
0.000	SD3965
Interferent	SD3966
0.050	SD3967
0.080	SD3968
0.200	SD3969

Attachments

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

Notes/Suggested Service: E-mailed

Approved date 1/3/2019

APPROVED

DERR

Digitally signed by DERR
Date: 2020.05.20 13:55:36 -04'00'

- ☑ **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**

Dere 1/14/19 Tech Review / Date

[signature] 1/14/19 Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: COLLIER COUNTY SO
Time of Inspection: 14:48
Date of Inspection: 01/03/2019
Serial Number: 80-007077
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#:AG805701 Exp: 02/26/2020
0.000	0.050	0.080	0.197	0.078
0.000	0.050	0.080	0.198	0.078
0.000	0.049	0.080	0.198	0.078
0.000	0.050	0.080	0.199	0.079
0.000	0.049	0.081	0.198	0.078
0.000	0.050	0.081	0.199	0.079
0.000	0.050	0.081	0.199	0.078
0.000	0.050	0.081	0.199	0.078
0.000	0.049	0.081	0.199	0.078
0.000	0.050	0.081	0.199	0.078

Standard Deviations	0.0004	0.0005	0.0007	0.0004

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0005 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.

DAVID E REYES-RIVERA
Signature and Printed Name

01/03/2019
Date

1/14/19
30

FDLE/ATP Form 41 –Revised August 2005

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-007077	Collier County Sheriff's Office	01/03/2019	DELL

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
SN: SD3967 Temp: 34.08c	SN: SD3968 Temp: 34.08c	SN: SD3969 Temp:34.09c	Lot AG805701
0.047 to 0.053 ☒	0.077 to 0.083 ☑	0.194 to 0.206 ☑	0.077 to 0.083 ☑

COLLIER COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007077
01/03/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:51
Control Test	0.046	10:51
Air Blank	0.000	10:52
Control Test	0.047	10:52
Air Blank	0.000	10:53
Control Test	0.047	10:54
Air Blank	0.000	10:54

Control Test Stats

Average	0.0467
Std Dev	0.0006
Rel Std Dev(%)	1.2372

11/4/19
Dell
Operator's Signature

COLLIER COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007077
01/03/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:56
Control Test	0.077	10:57
Air Blank	0.000	10:57
Control Test	0.078	10:58
Air Blank	0.000	10:58
Control Test	0.078	10:59
Air Blank	0.000	11:00

Control Test Stats

Average	0.0777
Std Dev	0.0006
Rel Std Dev(%)	0.7434

Dell
Operator's Signature

COLLIER COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007077
01/03/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:01
Control Test	0.194	11:02
Air Blank	0.000	11:02
Control Test	0.194	11:03
Air Blank	0.000	11:04
Control Test	0.194	11:04
Air Blank	0.000	11:05

Control Test Stats

Average	0.1940
Std Dev	0.0000
Rel Std Dev(%)	0.0000

Dell
Operator's Signature

COLLIER COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007077
01/03/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:08
Control Test	0.080	11:08
Air Blank	0.000	11:09
Control Test	0.080	11:09
Air Blank	0.000	11:10
Control Test	0.080	11:10
Air Blank	0.000	11:10

Control Test Stats

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

Dell
Operator's Signature

0080

Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
4700 Terminal Drive, Suite 1
Ft. Myers, FL 33907

This is to certify the calibration of Intoxilyzer 8000 serial number 80-007077 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-007077
Owning Agency:	COLLIER COUNTY SO
Calibration Date:	01/03/2019
Calibration Time:	14:48

	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.

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

01/03/2019
Date

DAVID E REYES-RIVERA,
Department Inspector

COLLIER COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007077
01/03/2019 11:28:26

Auto Calibration
Max Power Res Value = 61
Auto Range Res Value = 51

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12620, 9um Io = 12986

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1040	(-0.0040)
Sample #2 =	0.1300	(0.0040)
Sample #3 =	0.1430	(0.0150)
Sample #4 =	0.1470	(0.0190)

Avg % Abs = 0.1400 (0.0127)
STD DEV = 0.0089 (0.0078)
REL STD DEV = 6.349 (61.322)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0930	(-0.0120)
Sample #2 =	0.1140	(-0.0070)
Sample #3 =	0.1060	(-0.0170)
Sample #4 =	0.1060	(-0.0140)

Avg % Abs = 0.1087 (-0.0127)
STD DEV = 0.0046 (0.0051)
REL STD DEV = 4.250 (40.513)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12612, 9um Io = 12984

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8180	(-0.0020)
Sample #2 =	0.8270	(0.0050)
Sample #3 =	0.8290	(0.0190)
Sample #4 =	0.8640	(0.0000)

Avg % Abs = 0.8400 (0.0080)
STD DEV = 0.0208 (0.0098)
REL STD DEV = 2.477 (123.111)

11/4/19

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.4640	(-0.0170)
Sample #2 =	1.4710	(-0.0160)
Sample #3 =	1.4820	(-0.0020)
Sample #4 =	1.5090	(-0.0180)

Avg % Abs = 1.4873 (-0.0120)
STD DEV = 0.0196 (0.0087)
REL STD DEV = 1.315 (72.648)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12610, 9um Io = 12985

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	2.0340	(-0.0180)
Sample #2 =	1.9860	(0.0200)
Sample #3 =	2.0510	(-0.0060)
Sample #4 =	1.9880	(0.0260)

Avg % Abs = 2.0083 (0.0133)
STD DEV = 0.0370 (0.0170)
REL STD DEV = 1.841 (127.574)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6500	(0.0000)
Sample #2 =	3.6520	(0.0130)
Sample #3 =	3.6510	(0.0070)
Sample #4 =	3.6430	(0.0220)

Avg % Abs = 3.6487 (0.0140)
STD DEV = 0.0049 (0.0075)
REL STD DEV = 0.135 (53.927)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12609, 9um Io = 12982

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.8340	(-0.0120)
Sample #2 =	3.8380	(0.0000)
Sample #3 =	3.8320	(0.0060)
Sample #4 =	3.7780	(0.0360)

Avg % Abs = 3.8160 (0.0140)
STD DEV = 0.0330 (0.0193)
REL STD DEV = 0.866 (137.766)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.9240	(-0.0150)
Sample #2 =	6.9000	(0.0060)
Sample #3 =	6.9230	(0.0090)
Sample #4 =	6.8890	(0.0220)

Avg % Abs = 6.9040 (0.0123)
STD DEV = 0.0173 (0.0085)
REL STD DEV = 0.251 (68.959)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12607, 9um Io = 12981

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.5680	(-0.0160)
Sample #2 =	5.5380	(0.0300)
Sample #3 =	5.5340	(0.0340)
Sample #4 =	5.5850	(0.0170)

Avg % Abs = 5.5523 (0.0270)
STD DEV = 0.0284 (0.0089)
REL STD DEV = 0.511 (32.919)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	10.0240	(-0.0080)
Sample #2 =	10.0090	(0.0180)
Sample #3 =	10.0010	(0.0210)
Sample #4 =	10.0330	(0.0040)

Avg % Abs = 10.0143 (0.0143)
STD DEV = 0.0167 (0.0091)
REL STD DEV = 0.166 (63.305)

Optical Calibration
SN: 80-007077
Agency: Collier County SO
Date: 01/03/2019
Quadratic Fit: +/-0.002g/210L
By:

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.140
Std Dev = 0.01 Rel Std Dev = 6.35
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.840
Std Dev = 0.02 Rel Std Dev = 2.48
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 2.008
Std Dev = 0.04 Rel Std Dev = 1.84
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.816
Std Dev = 0.03 Rel Std Dev = 0.87
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.552
Std Dev = 0.03 Rel Std Dev = 0.51
Zero Order Coef = -288.75
First Order Coef = 2475.36
Second Order Coef = 26.57
Standard Deviation = 58.804470

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.109
Std Dev = 0.00 Rel Std Dev = 4.25
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.487
Std Dev = 0.02 Rel Std Dev = 1.31
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.649
Std Dev = 0.00 Rel Std Dev = 0.14
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.904
Std Dev = 0.02 Rel Std Dev = 0.25
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 10.014
Std Dev = 0.02 Rel Std Dev = 0.17
Zero Order Coef = -113.75
First Order Coef = 1296.43
Second Order Coef = 14.14
Standard Deviation = 39.474640

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.001	-0.0012
0.040	0.038	0.0020
0.100	0.101	-0.0006
0.200	0.200	-0.0004
0.300	0.300	0.0002

Solution Stats Quadratic Fit Chan 2

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.001	-0.0006
0.040	0.039	0.0012
0.100	0.101	-0.0009
0.200	0.200	0.0003
0.300	0.300	-0.0000

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 3110.00
Sample #2 = 3089.00
Sample #3 = 3095.00
Sample #4 = 3115.00
Average Result = 3099.6667
STD DEV = 13.6137
REL STD DEV = 0.439
****
***** CHANNEL 2
Sample #1 = 3496.00
Sample #2 = 3495.00
Sample #3 = 3483.00
Sample #4 = 3483.00
Average Result = 3487.0000
STD DEV = 6.9282
REL STD DEV = 0.199
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1017
3 um H2O Adjust (mg/l*10,000) = 710
9 um H2O Adjust (mg/l*10,000) = 322
**** AUTO CAL PASS

Ogon

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Post Stabilities	80-007077	Collier County Sheriff's Office	01/03/2019	DEer

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
SN: SD3967 Temp: 34.08c	SN: SD3968 Temp: 34.08c	SN: SD3969 Temp:34.09c	Lot AG805701
0.047 to 0.053 ☑	0.077 to 0.083 ☐	0.194 to 0.206 ☑	0.077 to 0.083 ☑

COLLIER COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007077
01/03/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:42
Control Test	0.050	12:43
Air Blank	0.000	12:43
Control Test	0.049	12:44
Air Blank	0.000	12:44
Control Test	0.049	12:45
Air Blank	0.000	12:46
Control Test Stats		
Average	0.0493	
Std Dev	0.0006	
Rel Std Dev(%)	1.1703	

DEer
Operator's Signature

11/4/19

COLLIER COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007077
01/03/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:47
Control Test	0.081	12:47
Air Blank	0.000	12:48
Control Test	0.081	12:49
Air Blank	0.000	12:49
Control Test	0.081	12:50
Air Blank	0.000	12:50
Control Test Stats		
Average	0.0810	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DEer
Operator's Signature

COLLIER COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007077
01/03/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:52
Control Test	0.198	12:52
Air Blank	0.000	12:53
Control Test	0.199	12:53
Air Blank	0.000	12:54
Control Test	0.198	12:55
Air Blank	0.000	12:55
Control Test Stats		
Average	0.1983	
Std Dev	0.0006	
Rel Std Dev(%)	0.2911	

DEer
Operator's Signature

COLLIER COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007077
01/03/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:57
Control Test	0.079	12:57
Air Blank	0.000	12:57
Control Test	0.078	12:58
Air Blank	0.000	12:58
Control Test	0.079	12:59
Air Blank	0.000	12:59
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

DEer
Operator's Signature

0800

INSTRUMENT PROCESSING SHEET

FDLE Florida Department of Law Enforcement

Agency Collier County Sheriff's Office S/N 80-007077

Date In 01/03/2019 DI Completion Date 01/03/2019 ☐Ship ☑P/U ☐H/D ☐CMI ☐EE

Intake Performed By Dee

☑ 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
JAN 14 2019
Alcohol Testing Program

Quality Checks Performed By Dee

☑ Breath Tube Screen
☑ Replace External O-Rings
☑ Instrument Set Up Verified
☑ R-Value 158
☑ Flow Verification (L/s)
Flow Column # ATP 106
32 mm .156 (.139 - .169)
36 mm .179 (.156 - .190)
53 mm .246 (.228 - .278)
103 mm .519 (.447 - .547)
☑ Barometric Pressure Check
Gauge ID # 28663
☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD3967	201707D
		07/25/2019
0.080	SD3968	201707E
		07/25/2019
0.200	SD3969	201707C
		07/24/2019
0.080 DGS	N/A	AG805701
		02/26/2020

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 Dee

☐ Battery Replacement
☐ Dry Gas Regulator Replacement
☐ Breath Tube Replacement
☑ Other Form Load/Pass Changed

Temperature Checks Performed By Dee

☑ Lab Temp °C 21.92C
External Digital Therm. ID#: 300918
☑ 34°C +-.2 Serial #: SD3967
☑ 34°C +-.2 Serial #: SD3968
☑ 34°C +-.2 Serial #: SD3969

Calibration Adjustment Performed By Dee

Barometric Pressure Gauge 1019 ID # 28663

Simulator	Serial Number	Lot Number	Expiration
0.000	2235	N/A	N/A
0.040	2108	17410	12/06/2019
0.100	MP4863	18070	02/26/2020
0.200	MP4864	17340	10/09/2019
0.300	SD3963	18110	04/02/2020
0.080 DGS	N/A	34416080A2	02/05/2019

☑ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	SD3967	201707D	07/25/2019
0.080	SD3968	201707E	07/25/2019
0.200	SD3969	201707C	07/24/2019
0.080 DGS	N/A	AG805701	02/26/2020

Department Inspection Performed By Dee

Barometric Pressure ID# 68639
Gauge 1018 Instrument 1017
Mouth Alcohol Solution Lot # 2017-B
Acetone Stock Solution Lot # 2018-A

Simulator	Serial Number
0.000	SD3965
Interferent	SD3966
0.050	SD3967
0.080	SD3968
0.200	SD3969

Attachments

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

Notes/Suggested Service: E-mailed

☑ APPROVED

☑ **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**

Dee 1/14/19 Tech Review / Date
SJ Rahe 1/14/19 Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: COLLIER COUNTY SO
Time of Inspection: 14:48
Date of Inspection: 01/03/2019
Serial Number: 80-007077
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#:AG805701 Exp: 02/26/2020
0.000	0.050	0.080	0.197	0.078
0.000	0.050	0.080	0.198	0.078
0.000	0.049	0.080	0.198	0.078
0.000	0.050	0.080	0.199	0.079
0.000	0.049	0.081	0.198	0.078
0.000	0.050	0.081	0.199	0.079
0.000	0.050	0.081	0.199	0.078
0.000	0.050	0.081	0.199	0.078
0.000	0.049	0.081	0.199	0.078
0.000	0.050	0.081	0.199	0.078

Standard Deviations	0.0004	0.0005	0.0007	0.0004

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0005 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.

DAVID E REYES-RIVERA
Signature and Printed Name

01/03/2019
Date

1/4/19

FDLE/ATP Form 41 –Revised August 2005

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-007077	Collier County Sheriff's Office	01/03/2019	DEAL

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
SN: SD3967 Temp: 34.08c	SN: SD3968 Temp: 34.08c	SN: SD3969 Temp:34.09c	Lot AG805701
0.047 to 0.053 ☒	0.077 to 0.083 ☑	0.194 to 0.206 ☑	0.077 to 0.083 ☑

COLLIER COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007077
01/03/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:51
Control Test	0.046	10:51
Air Blank	0.000	10:52
Control Test	0.047	10:52
Air Blank	0.000	10:53
Control Test	0.047	10:54
Air Blank	0.000	10:54

Control Test Stats

Average	0.0467
Std Dev	0.0006
Rel Std Dev(%)	1.2272

11/4/19
Operator's Signature

COLLIER COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007077
01/03/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:56
Control Test	0.077	10:57
Air Blank	0.000	10:57
Control Test	0.078	10:58
Air Blank	0.000	10:58
Control Test	0.078	10:59
Air Blank	0.000	11:00

Control Test Stats

Average	0.0777
Std Dev	0.0006
Rel Std Dev(%)	0.7434

Operator's Signature

COLLIER COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007077
01/03/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:01
Control Test	0.194	11:02
Air Blank	0.000	11:02
Control Test	0.194	11:03
Air Blank	0.000	11:04
Control Test	0.194	11:04
Air Blank	0.000	11:05

Control Test Stats

Average	0.1940
Std Dev	0.0000
Rel Std Dev(%)	0.0000

Operator's Signature

COLLIER COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007077
01/03/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:08
Control Test	0.080	11:08
Air Blank	0.000	11:09
Control Test	0.080	11:09
Air Blank	0.000	11:10
Control Test	0.080	11:10
Air Blank	0.000	11:10

Control Test Stats

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

Operator's Signature

0080

Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
4700 Terminal Drive, Suite 1
Ft. Myers, FL 33907

This is to certify the calibration of Intoxilyzer 8000 serial number 80-007077 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-007077
Owning Agency:	COLLIER COUNTY SO
Calibration Date:	01/03/2019
Calibration Time:	14:48

	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.

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

01/03/2019
Date

DAVID E REYES-RIVERA,
Department Inspector

COLLIER COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007077
01/03/2019 11:28:26

Auto Calibration
Max Power Res Value = 61
Auto Range Res Value = 51

Sol Value = 0.000 g/210L xxx
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12620, 9um Io = 12986

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1040	(-0.0040)
Sample #2 =	0.1300	(0.0040)
Sample #3 =	0.1430	(0.0150)
Sample #4 =	0.1470	(0.0190)

Avg % Abs = 0.1400 (0.0127)
STD DEV = 0.0089 (0.0078)
REL STD DEV = 6.349 (61.322)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0930	(-0.0120)
Sample #2 =	0.1140	(-0.0070)
Sample #3 =	0.1060	(-0.0170)
Sample #4 =	0.1060	(-0.0140)

Avg % Abs = 0.1087 (-0.0127)
STD DEV = 0.0046 (0.0051)
REL STD DEV = 4.250 (40.513)

Sol Value = 0.040 g/210L xxx
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12612, 9um Io = 12984

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8180	(-0.0020)
Sample #2 =	0.8270	(0.0050)
Sample #3 =	0.8290	(0.0190)
Sample #4 =	0.8640	(0.0000)

Avg % Abs = 0.8400 (0.0080)
STD DEV = 0.0208 (0.0098)
REL STD DEV = 2.477 (123.111)

11/4/19

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.4640	(-0.0170)
Sample #2 =	1.4710	(-0.0160)
Sample #3 =	1.4820	(-0.0020)
Sample #4 =	1.5090	(-0.0180)

Avg % Abs = 1.4873 (-0.0120)
STD DEV = 0.0196 (0.0087)
REL STD DEV = 1.315 (72.648)

Sol Value = 0.100 g/210L xxx
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12610, 9um Io = 12985

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	2.0340	(-0.0180)
Sample #2 =	1.9860	(0.0200)
Sample #3 =	2.0510	(-0.0060)
Sample #4 =	1.9880	(0.0260)

Avg % Abs = 2.0083 (0.0133)
STD DEV = 0.0370 (0.0170)
REL STD DEV = 1.841 (127.574)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6500	(0.0000)
Sample #2 =	3.6520	(0.0130)
Sample #3 =	3.6510	(0.0070)
Sample #4 =	3.6430	(0.0220)

Avg % Abs = 3.6487 (0.0140)
STD DEV = 0.0049 (0.0075)
REL STD DEV = 0.135 (53.927)

Sol Value = 0.200 g/210L xxx
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12609, 9um Io = 12982

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.8340	(-0.0120)
Sample #2 =	3.8380	(0.0000)
Sample #3 =	3.8320	(0.0060)
Sample #4 =	3.7780	(0.0360)

Avg % Abs = 3.8160 (0.0140)
STD DEV = 0.0330 (0.0193)
REL STD DEV = 0.866 (137.766)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.9240	(-0.0150)
Sample #2 =	6.9000	(0.0060)
Sample #3 =	6.9230	(0.0090)
Sample #4 =	6.8890	(0.0220)

Avg % Abs = 6.9040 (0.0123)
STD DEV = 0.0173 (0.0085)
REL STD DEV = 0.251 (68.959)

Sol Value = 0.300 g/210L xxx
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12607, 9um Io = 12981

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.5680	(-0.0160)
Sample #2 =	5.5380	(0.0300)
Sample #3 =	5.5340	(0.0340)
Sample #4 =	5.5850	(0.0170)

Avg % Abs = 5.5523 (0.0270)
STD DEV = 0.0284 (0.0089)
REL STD DEV = 0.511 (32.919)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	10.0240	(-0.0080)
Sample #2 =	10.0090	(0.0180)
Sample #3 =	10.0010	(0.0210)
Sample #4 =	10.0330	(0.0040)

Avg % Abs = 10.0143 (0.0143)
STD DEV = 0.0167 (0.0091)
REL STD DEV = 0.166 (63.305)

Optical Calibration
SN: 80-007077
Agency: Collier County SO
Date: 01/03/2019
Quadratic Fit: +/-0.002g/210L
By: Dell

xxxxx AUTO CAL DATA xxxxx

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.140
Std Dev = 0.01 Rel Std Dev = 6.35
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.840
Std Dev = 0.02 Rel Std Dev = 2.48
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 2.008
Std Dev = 0.04 Rel Std Dev = 1.84
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.816
Std Dev = 0.03 Rel Std Dev = 0.87
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.552
Std Dev = 0.03 Rel Std Dev = 0.51
Zero Order Coef = -288.75
First Order Coef = 2475.36
Second Order Coef = 26.57
Standard Deviation = 58.804470

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.109
Std Dev = 0.00 Rel Std Dev = 4.25
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.487
Std Dev = 0.02 Rel Std Dev = 1.31
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.649
Std Dev = 0.00 Rel Std Dev = 0.14
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.904
Std Dev = 0.02 Rel Std Dev = 0.25
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 10.014
Std Dev = 0.02 Rel Std Dev = 0.17
Zero Order Coef = -113.75
First Order Coef = 1296.43
Second Order Coef = 14.14
Standard Deviation = 39.474640

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.001	-0.0012
0.040	0.038	0.0020
0.100	0.101	-0.0006
0.200	0.200	-0.0004
0.300	0.300	0.0002

Solution Stats Quadratic Fit Chan 2

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.001	-0.0006
0.040	0.039	0.0012
0.100	0.101	-0.0009
0.200	0.200	0.0003
0.300	0.300	-0.0000

Sol Value = 0.080 g/210L xxx
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
xxxxx CHANNEL 1
Sample #1 = 3110.00
Sample #2 = 3089.00
Sample #3 = 3095.00
Sample #4 = 3115.00
Average Result = 3099.6667
STD DEV = 13.6137
REL STD DEV = 0.439
xxxxxxxxxx
xxxxx CHANNEL 2
Sample #1 = 3496.00
Sample #2 = 3495.00
Sample #3 = 3483.00
Sample #4 = 3483.00
Average Result = 3487.0000
STD DEV = 6.9282
REL STD DEV = 0.199
xxxxxxxxxx
Dry Gas H20 Adjust Results xxxxxxxxxx
Barometric Pressure = 1017
3 um H20 Adjust (mg/lx10,000) = 710
9 um H20 Adjust (mg/lx10,000) = 322
xxxx AUTO CAL PASS

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Post Stabilities	80-007077	Collier County Sheriff's Office	01/03/2019	DERR

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
SN: SD3967 Temp: 34.08c	SN: SD3968 Temp: 34.08c	SN: SD3969 Temp:34.09c	Lot AG805701
0.047 to 0.053 ☑	0.077 to 0.083 ☐	0.194 to 0.206 ☑	0.077 to 0.083 ☑

0.05g/210L

COLLIER COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007077
01/03/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:42
Control Test	0.050	12:43
Air Blank	0.000	12:43
Control Test	0.049	12:44
Air Blank	0.000	12:44
Control Test	0.049	12:45
Air Blank	0.000	12:46
Control Test Stats		
Average	0.0493	
Std Dev	0.0006	
Rel Std Dev(%)	1.1703	

DERR
Operator's Signature

1/14/19

0.08g/210L

COLLIER COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007077
01/03/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:47
Control Test	0.081	12:47
Air Blank	0.000	12:48
Control Test	0.081	12:49
Air Blank	0.000	12:49
Control Test	0.081	12:50
Air Blank	0.000	12:50
Control Test Stats		
Average	0.0810	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DERR
Operator's Signature

0.20g/210L

COLLIER COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007077
01/03/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:52
Control Test	0.198	12:52
Air Blank	0.000	12:53
Control Test	0.199	12:53
Air Blank	0.000	12:54
Control Test	0.198	12:55
Air Blank	0.000	12:55
Control Test Stats		
Average	0.1983	
Std Dev	0.0006	
Rel Std Dev(%)	0.2911	

DERR
Operator's Signature

DGS 0.08g/210L

COLLIER COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007077
01/03/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:57
Control Test	0.079	12:57
Air Blank	0.000	12:57
Control Test	0.078	12:58
Air Blank	0.000	12:58
Control Test	0.079	12:59
Air Blank	0.000	12:59
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

DERR
Operator's Signature