INSTRUMENT PROCESSING SHEET

FDLE Florida Department of Law Enforcement

Agency FDLE S/N 80-000228

Date In 11/13/2019 DI Completion Date 1/22/20 ☐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: Case broken at left keyboard connector. Unable to store keyboard correctly.

Final Release Date

FDLE

JAN 3 0 2020

Alcohol Testing Program

Quality Checks Performed By SP

- ☑ Breath Tube Screen
- ☑ Replace External O-Rings
- ☑ Instrument Set Up Verified
- ☑ R-Value 190
- ☑ Flow Verification (L/s)

Flow Column # AIP103

32 mm	.144	(.139 - .169)
36 mm	.164	(.156 - .190)
53 mm	.234	(.228 - .278)
103 mm	.503	(.447 - .547)

- ☑ Barometric Pressure Check

Gauge ID # 216932

- ☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD1012	201905A 5-14-21
0.080	DR1279	201905B 5-14-21
0.200	SD1013	201904D 4-30-21
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 SP

- ☑ Lab Temp °C 21.2

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 1028 ID # 28427

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	08819080A1	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	AG916501	6-14-21

Department Inspection Performed By SP

Barometric Pressure ID# 28421

Gauge 1024 Instrument 1022

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**

DBM 1/30/20 Tech Review / Date

Brett Kirkland 1/30/2020 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 80-000228 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-000228
Owning Agency:	FDLE
Calibration Date:	01/22/2020
Calibration Time:	11:16

	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.

01/22/2020
Date

Shayla Platt
SHAYLA D PLATT,
Department Inspector

PDM
BK 1/30/2020

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FDLE
Time of Inspection: 11:16 Date of Inspection: 01/22/2020 Serial Number: 80-000228
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#:AG916501 Exp: 06/14/2021
0.000	0.050	0.083	0.207	0.080
0.000	0.051	0.082	0.207	0.081
0.000	0.051	0.083	0.208	0.081
0.000	0.051	0.082	0.208	0.081
0.000	0.051	0.082	0.208	0.081
0.000	0.051	0.083	0.207	0.081
0.000	0.051	0.083	0.208	0.080
0.000	0.051	0.082	0.207	0.080
0.000	0.052	0.082	0.207	0.081
0.000	0.051	0.082	0.206	0.081
Standard Deviations	0.0004	0.0005	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:

PGM

BK 1/30/2020

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
Signature and Printed Name SHAYLA D PLATT

01/22/2020
Date

FDLE/ATP Form 41 –Revised August 2005

Stability Checks # 80-000228

FDLE
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000228
01/08/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:14
Control Test	0.049	14:14
Air Blank	0.000	14:15
Control Test	0.049	14:16
Air Blank	0.000	14:16
Control Test	0.048	14:17
Air Blank	0.000	14:18
Control Test Stats		
Average	0.0487	
Std Dev	0.0006	
Rel Std Dev(%)	1.1863	

SP
Operator's Signature

FDLE
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000228
01/08/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:08
Control Test	0.077	14:09
Air Blank	0.000	14:10
Control Test	0.077	14:10
Air Blank	0.000	14:11
Control Test	0.078	14:12
Air Blank	0.000	14:12
Control Test Stats		
Average	0.0773	
Std Dev	0.0006	
Rel Std Dev(%)	0.7466	

SP
Operator's Signature

FDLE
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000228
01/08/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	02:04
Control Test	0.198	02:05
Air Blank	0.000	02:05
Control Test	0.196	02:06
Air Blank	0.000	02:07
Control Test	0.195	02:07
Air Blank	0.000	02:08
Control Test Stats		
Average	0.1963	
Std Dev	0.0015	
Rel Std Dev(%)	0.7780	

SP
Operator's Signature

FDLE
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000228
01/08/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:19
Control Test	0.081	14:19
Air Blank	0.000	14:19
Control Test	0.080	14:20
Air Blank	0.000	14:20
Control Test	0.081	14:21
Air Blank	0.000	14:21
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel Std Dev(%)	0.7157	

DGS

SP
Operator's Signature

DGS
TSK 1/30/2020

Updated time to reflect correct time. SP

FDLE
Intoxilyzer [illegible]
Model 8000 SN 80-000228
01/17/2020 08:47:04

Auto Calibration
Max Power Res Value = 33
Auto Range Res Value = 21

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12434, 9um Io = 14226

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0650	(-0.0250)
Sample #2 =	0.1140	(-0.0180)
Sample #3 =	0.0950	(-0.0310)
Sample #4 =	0.1160	(0.0010)

Avg % Abs = 0.1083 (-0.0160)
STD DEV = 0.0116 (0.0161)
REL STD DEV = 10.699 (100.584)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1350	(-0.0230)
Sample #2 =	0.1410	(-0.0060)
Sample #3 =	0.1110	(-0.0060)
Sample #4 =	0.1230	(0.0070)

Avg % Abs = 0.1250 (-0.0017)
STD DEV = 0.0151 (0.0075)
REL STD DEV = 12.080 (450.333)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12434, 9um Io = 14227

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8140	(0.0060)
Sample #2 =	0.8310	(0.0290)
Sample #3 =	0.8290	(-0.0010)
Sample #4 =	0.8160	(0.0440)

Avg % Abs = 0.8253 (0.0240)
STD DEV = 0.0081 (0.0229)
REL STD DEV = 0.987 (95.470)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5600	(0.0000)
Sample #2 =	1.5270	(0.0580)
Sample #3 =	1.5320	(0.0350)
Sample #4 =	1.5270	(0.0630)

Avg % Abs = 1.5287 (0.0520)
STD DEV = 0.0029 (0.0149)
REL STD DEV = 0.189 (28.718)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12430, 9um Io = 14220

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.8940	(-0.0120)
Sample #2 =	1.8700	(0.0490)
Sample #3 =	1.8780	(0.0200)
Sample #4 =	1.8520	(0.0720)

Avg % Abs = 1.8667 (0.0470)
STD DEV = 0.0133 (0.0261)
REL STD DEV = 0.713 (55.442)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6320	(-0.0250)
Sample #2 =	3.5470	(0.0850)
Sample #3 =	3.5420	(0.0830)
Sample #4 =	3.5300	(0.1050)

Avg % Abs = 3.5397 (0.0910)
STD DEV = 0.0087 (0.0122)
REL STD DEV = 0.247 (13.369)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12431, 9um Io = 14219

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.7410	(-0.0200)
Sample #2 =	3.5950	(0.1050)
Sample #3 =	3.5740	(0.1550)
Sample #4 =	3.5650	(0.1350)

Avg % Abs = 3.5780 (0.1317)
STD DEV = 0.0154 (0.0252)
REL STD DEV = 0.430 (19.114)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	7.0080	(-0.0040)
Sample #2 =	6.7980	(0.1950)
Sample #3 =	6.7690	(0.2350)
Sample #4 =	6.7760	(0.2280)

Avg % Abs = 6.7810 (0.2207)
STD DEV = 0.0151 (0.0191)
REL STD DEV = 0.223 (8.650)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12425, 9um Io = 14213

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.3690	(-0.0010)
Sample #2 =	5.2510	(0.1270)
Sample #3 =	5.2180	(0.1580)
Sample #4 =	5.1880	(0.1860)

Avg % Abs = 5.2190 (0.1577)
STD DEV = 0.0315 (0.0305)
REL STD DEV = 0.604 (19.345)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	10.0760	(0.0100)
Sample #2 =	9.7940	(0.3020)
Sample #3 =	9.7620	(0.3220)
Sample #4 =	9.7630	(0.3300)

Avg % Abs = 9.7730 (0.3180)
STD DEV = 0.0182 (0.0144)
REL STD DEV = 0.186 (4.535)

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.108
Std Dev = 0.01 Rel Std Dev = 10.70
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.825
Std Dev = 0.01 Rel Std Dev = 0.99
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.867
Std Dev = 0.01 Rel Std Dev = 0.71
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.578
Std Dev = 0.02 Rel Std Dev = 0.43
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.219
Std Dev = 0.03 Rel Std Dev = 0.60
Zero Order Coef = -287.85
First Order Coef = 2644.11
Second Order Coef = 28.28
Standard Deviation = 10.688113

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.125
Std Dev = 0.02 Rel Std Dev = 12.08
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.529
Std Dev = 0.00 Rel Std Dev = 0.19
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.540
Std Dev = 0.01 Rel Std Dev = 0.25
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.781
Std Dev = 0.02 Rel Std Dev = 0.22
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.773
Std Dev = 0.02 Rel Std Dev = 0.19
Zero Order Coef = -160.12
First Order Coef = 1329.63
Second Order Coef = 15.09
Standard Deviation = 19.602335

Solution Stats Quadratic Fit Chan 1

Act g/210L	Fit g/210L	Residual g/210L
0.000	-0.000	0.0000
0.040	0.040	-0.0002
0.100	0.100	0.0003
0.200	0.200	-0.0002
0.300	0.300	0.0001

Solution Stats Quadratic Fit Chan 2

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.000	-0.0001
0.040	0.040	-0.0001
0.100	0.099	0.0006
0.200	0.201	-0.0005
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 = 3300.00
Sample #2 = 3271.00
Sample #3 = 3277.00
Sample #4 = 3149.00
Average Result = 3232.3333
STD DEV = 72.2311
REL STD DEV = 2.235
****
***** CHANNEL 2
Sample #1 = 3430.00
Sample #2 = 3437.00
Sample #3 = 3452.00
Sample #4 = 3430.00
Average Result = 3439.6667
STD DEV = 11.2398
REL STD DEV = 0.327
****
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1028
3 um H20 Adjust (mg/l*10,000) = 577
9 um H20 Adjust (mg/l*10,000) = 370
**** AUTO CAL PASS

CAL ADJUSTMENT
#80-00022880

BK 1/30/2020

Post Cal-Adjust

Stability Checks #80-000228

FDLE
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000228
01/17/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:11
Control Test	0.050	10:12
Air Blank	0.000	10:12
Control Test	0.050	10:13
Air Blank	0.000	10:14
Control Test	0.049	10:14
Air Blank	0.000	10:15

Control Test Stats

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

SP
Operator's Signature

FDLE
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000228
01/17/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:21
Control Test	0.082	10:22
Air Blank	0.000	10:23
Control Test	0.081	10:23
Air Blank	0.000	10:24
Control Test	0.080	10:25
Air Blank	0.000	10:25

Control Test Stats

Average	0.0810
Std Dev	0.0010
Rel Std Dev(%)	1.2346

SP
Operator's Signature

FDLE
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000228
01/17/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:34
Control Test	0.205	10:34
Air Blank	0.000	10:35
Control Test	0.204	10:36
Air Blank	0.000	10:36
Control Test	0.204	10:37
Air Blank	0.000	10:38

Control Test Stats

Average	0.2043
Std Dev	0.0006
Rel Std Dev(%)	0.2826

SP
Operator's Signature

FDLE
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000228
01/17/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:03
Control Test	0.080	10:03
Air Blank	0.000	10:04
Control Test	0.081	10:04
Air Blank	0.000	10:04
Control Test	0.081	10:05
Air Blank	0.000	10:05

Control Test Stats

Average	0.0807
Std Dev	0.0006
Rel Std Dev(%)	0.7157

DGS

SP
Operator's Signature

BK 1/30/2020

Florida Department of Law Enforcement
Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: FDLE
Time of Inspection: ~~02:01~~ 14:01 SP
Date of Inspection: 01/08/2020
Serial Number: 80-000228
Software: 8100.27

Check or Test	YES	NO
Date and/or Time Adjusted	Yes	
Diagnostic Check (Pre-Inspection): OK		No
Alcohol Free Subject Test: 0.000		No
Mouth Alcohol Test: Slope Not Met		No
Interferent Detect Test: Interferent Detect		No
Diagnostic Check (Post-Inspection): OK		No

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#: Exp:	0.08g/210L Test (g/210L) Lot#: Exp:	0.20g/210L Test (g/210L) Lot#: Exp:	0.08 g/210L Dry Gas Std Test (g/210L) Lot#: Exp:

Number of Simulators Used: _____

Remarks:
Time-Date changed. BYPASSED AI TO OPERATE INSTRUMENT

BK 1/30/2020

N/A COMPLIANCE Not determined.

The above instrument complies (X) does not comply ( ) with Chapter 11D-8, FAC.

I certify that I hold a valid Florida Department of Law Enforcement Agency Inspector Permit and that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

Shayla Platt
Signature and Printed Name SHAYLA D PLATT

01/08/2020
Date

FDLE/ATP Form 40 – March 2004