FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Florida Highway Patrol Troop E S/N 80-001121

Date In 03/01/2019 DI Completion Date 03/04/2019 ☑Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake Performed By DCLL

☑ 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

MAR 11 2019

Alcohol Testing Program

Quality Checks Performed By DCLL

☑ Breath Tube Screen
☑ Replace External O-Rings
☑ Instrument Set Up Verified
☑ R-Value 194
☑ Flow Verification (L/s)
Flow Column # ATP 101
32 mm .156 (.139 - .169)
36 mm .179 (.156 - .190)
53 mm .250 (.228 - .278)
103 mm .507 (.447 - .547)
☑ Barometric Pressure Check
Gauge ID # 28199
☑ 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	AG805702 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 DCLL

☐ Battery Replacement
☐ Dry Gas Regulator Replacement
☐ Breath Tube Replacement
☑ Other Forms load/ Changed pass

Temperature Checks Performed By DCLL

☑ Lab Temp °C 22.61C
External Digital Therm. ID#: 300504
☑ 34°C +-.2 Serial #: SD3967
☑ 34°C +-.2 Serial #: SD3968
☑ 34°C +-.2 Serial #: SD3969

Calibration Adjustment Performed By DCLL

Barometric Pressure Gauge 1015 ID # 28199

Simulator	Serial Number	Lot Number	Expiration
0.000	MP4863	N/A	N/A
0.040	SD1014	17410	12/06/2019
0.100	SD1015	18200	07/03/2020
0.200	SD1017	19040	01/29/2021
0.300	G2841	18110	04/02/2020
0.080 DGS	N/A	17817080A2	08/05/2019

☑ 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	AG805702	02/26/2020

Department Inspection Performed By DCLL

Barometric Pressure ID# 68639
Gauge 1015 Instrument 1015
Mouth Alcohol Solution Lot # 2017-B
Acetone Stock Solution Lot # 2018-A

Simulator	Serial Number
0.000	SD3963
Interferent	SD3965
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
Calibration adjustment to bring values closer to Nominal

☑ **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**

DCLL 3/11/19 Tech Review / Date

3/11/19 Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FHP TROOP E MIAMI
Time of Inspection: 12:59
Date of Inspection: 03/04/2019
Serial Number: 80-001121
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#:AG805702 Exp: 02/26/2020
0.000	0.048	0.080	0.196	0.078
0.000	0.049	0.080	0.197	0.079
0.000	0.049	0.080	0.197	0.078
0.000	0.048	0.080	0.197	0.079
0.000	0.048	0.080	0.197	0.078
0.000	0.048	0.080	0.197	0.079
0.000	0.048	0.080	0.198	0.079
0.000	0.048	0.080	0.198	0.080
0.000	0.048	0.079	0.198	0.080
0.000	0.048	0.080	0.197	0.080

Standard Deviations	0.0004	0.0003	0.0006	0.0008

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

PBM

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

03/04/2019
Date

3/11/19

FDLE/ATP Form 41 –Revised August 2005

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-001121	Florida Highway Patrol Troop E	03/04/2019	DCLL

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
SN: SD3967 Temp: 34.09C	SN: SD3968 Temp: 34.10C	SN: SD3969 Temp:34.12C	Lot AG805702
0.047 to 0.053 ☑	0.077 to 0.083 ☑	0.194 to 0.206 ☑	0.077 to 0.083 ☒

FHP TROOP E MIAMI
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001121
03/04/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	06:36
Control Test	0.049	06:37
Air Blank	0.000	06:37
Control Test	0.049	06:38
Air Blank	0.000	06:38
Control Test	0.049	06:39
Air Blank	0.000	06:40
Control Test Stats		
Average	0.0490	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DCLL
Operator's Signature

3/11/19

FHP TROOP E MIAMI
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001121
03/04/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	06:41
Control Test	0.081	06:42
Air Blank	0.000	06:42
Control Test	0.080	06:43
Air Blank	0.000	06:44
Control Test	0.081	06:44
Air Blank	0.000	06:45
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel Std Dev(%)	0.7157	

DCLL
Operator's Signature

HP TROOP E MIAMI
ntoxilyzer - Alcohol Analyzer
odel 8000 SN 80-001121
3/04/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	06:48
Control Test	0.198	06:49
Air Blank	0.000	06:50
Control Test	0.198	06:50
Air Blank	0.000	06:51
Control Test	0.198	06:51
Air Blank	0.000	06:52
Control Test Stats		
Average	0.1980	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DCLL
Operator's Signature

FHP TROOP E MIAMI
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001121
03/04/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	06:55
Control Test	0.076	06:55
Air Blank	0.000	06:56
Control Test	0.076	06:56
Air Blank	0.000	06:57
Control Test	0.076	06:57
Air Blank	0.000	06:57
Control Test Stats		
Average	0.0760	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DCLL
Operator's Signature

BJM

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 80-001121 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-001121
Owning Agency:	FHP TROOP E MIAMI
Calibration Date:	03/04/2019
Calibration Time:	12:59

	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.

03/04/2019
Date

DAVID E REYES-RIVERA,
Department Inspector

3/11/19

FHP TROOP E MIAMI
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001121
03/04/2019 08:20:56

Auto Calibration
Max Power Res Value = 32
Auto Range Res Value = 24

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12805, 9um Io = 14092

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0800	(-0.0020)
Sample #2 =	0.1150	(-0.0090)
Sample #3 =	0.1040	(0.0200)
Sample #4 =	0.0870	(0.0220)

Avg % Abs = 0.1020 (0.0110)
STD DEV = 0.0141 (0.0173)
REL STD DEV = 13.830 (157.721)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0680	(0.0020)
Sample #2 =	0.1100	(-0.0180)
Sample #3 =	0.1100	(-0.0180)
Sample #4 =	0.0840	(-0.0060)

Avg % Abs = 0.1013 (-0.0140)
STD DEV = 0.0150 (0.0069)
REL STD DEV = 14.814 (49.487)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12803, 9um Io = 14090

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8580	(-0.0100)
Sample #2 =	0.8310	(0.0220)
Sample #3 =	0.8680	(0.0060)
Sample #4 =	0.8610	(0.0130)

Avg % Abs = 0.8533 (0.0137)
STD DEV = 0.0197 (0.0080)
REL STD DEV = 2.303 (58.689)

3/11/19

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5750	(-0.0190)
Sample #2 =	1.5520	(-0.0030)
Sample #3 =	1.5760	(-0.0220)
Sample #4 =	1.5990	(-0.0080)

Avg % Abs = 1.5757 (-0.0110)
STD DEV = 0.0235 (0.0098)
REL STD DEV = 1.492 (89.535)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12798, 9um Io = 14085

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.9410	(-0.0040)
Sample #2 =	1.9380	(0.0150)
Sample #3 =	1.9720	(0.0040)
Sample #4 =	1.9430	(0.0180)

Avg % Abs = 1.9510 (0.0123)
STD DEV = 0.0184 (0.0074)
REL STD DEV = 0.941 (59.766)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.7160	(-0.0210)
Sample #2 =	3.6840	(0.0070)
Sample #3 =	3.7120	(-0.0140)
Sample #4 =	3.7200	(-0.0110)

Avg % Abs = 3.7053 (-0.0060)
STD DEV = 0.0189 (0.0114)
REL STD DEV = 0.510 (189.297)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12795, 9um Io = 14085

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6920	(0.0040)
Sample #2 =	3.6930	(0.0190)
Sample #3 =	3.7180	(-0.0060)
Sample #4 =	3.7730	(-0.0220)

Avg % Abs = 3.7280 (-0.0030)
STD DEV = 0.0409 (0.0207)
REL STD DEV = 1.098 (688.799)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	7.0750	(0.0030)
Sample #2 =	7.0630	(0.0080)
Sample #3 =	7.0810	(-0.0100)
Sample #4 =	7.1190	(-0.0200)

Avg % Abs = 7.0877 (-0.0073)
STD DEV = 0.0286 (0.0142)
REL STD DEV = 0.403 (193.489)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12794, 9um Io = 14086

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.4230	(-0.0070)
Sample #2 =	5.4600	(-0.0130)
Sample #3 =	5.4580	(0.0050)
Sample #4 =	5.4710	(0.0000)

Avg % Abs = 5.4630 (-0.0027)
STD DEV = 0.0070 (0.0093)
REL STD DEV = 0.128 (348.434)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	10.2690	(0.0000)
Sample #2 =	10.3010	(0.0000)
Sample #3 =	10.3120	(0.0070)
Sample #4 =	10.3170	(0.0000)

Avg % Abs = 10.3100 (0.0023)
STD DEV = 0.0082 (0.0040)
REL STD DEV = 0.079 (173.205)

Optical Calibration
SN: 80-001121
Agency: FHP Troop E
Date: 03/04/2019
Quadratic Fit: +/-0.002g/210L
By:

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.102
Std Dev = 0.01 Rel Std Dev = 13.83
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.853
Std Dev = 0.02 Rel Std Dev = 2.30
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.951
Std Dev = 0.02 Rel Std Dev = 0.94
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.728
Std Dev = 0.04 Rel Std Dev = 1.10
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.463
Std Dev = 0.01 Rel Std Dev = 0.13
Zero Order Coef = -266.58
First Order Coef = 2534.11
Second Order Coef = 23.88
Standard Deviation = 8.972286

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.101
Std Dev = 0.02 Rel Std Dev = 14.81
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.576
Std Dev = 0.02 Rel Std Dev = 1.49
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.705
Std Dev = 0.02 Rel Std Dev = 0.51
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 7.088
Std Dev = 0.03 Rel Std Dev = 0.40
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 10.310
Std Dev = 0.01 Rel Std Dev = 0.08
Zero Order Coef = -134.79
First Order Coef = 1279.73
Second Order Coef = 11.56
Standard Deviation = 5.770563

Solution Stats Quadratic Fit Chan 1

Act g/210L	Fit g/210L	Residual g/210L
0.000	-0.000	0.0002
0.040	0.040	-0.0002
0.100	0.100	-0.0001
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	0.100	-0.0001
0.200	0.200	0.0002
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 = 3008.00
Sample #2 = 3011.00
Sample #3 = 2993.00
Sample #4 = 3018.00
Average Result = 3007.3333
STD DEV = 12.8970
REL STD DEV = 0.429
****
***** CHANNEL 2
Sample #1 = 3357.00
Sample #2 = 3398.00
Sample #3 = 3371.00
Sample #4 = 3378.00
Average Result = 3382.3333
STD DEV = 14.0119
REL STD DEV = 0.414
****
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1015
3 um H20 Adjust (mg/l*10,000) = 802
9 um H20 Adjust (mg/l*10,000) = 427
**** AUTO CAL PASS

3/11/19

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Post Stabilities	80-001121	Florida Highway Patrol Troop E	03/04/2019	JCR

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
SN: SD3967 Temp: 34.09C	SN: SD3968 Temp: 34.10C	SN: SD3969 Temp:34.12C	Lot AG805702
0.047 to 0.053 ☑	0.077 to 0.083 ☑	0.194 to 0.206 ☑	0.077 to 0.083 ☑

FHP TROOP E MIAMI
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001121
03/04/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:48
Control Test	0.049	09:48
Air Blank	0.000	09:49
Control Test	0.049	09:50
Air Blank	0.000	09:50
Control Test	0.049	09:51
Air Blank	0.000	09:51

Control Test Stats

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

JCR
Operator's Signature

3/4/19

FHP TROOP E MIAMI
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001121
03/04/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:53
Control Test	0.081	09:53
Air Blank	0.000	09:54
Control Test	0.080	09:55
Air Blank	0.000	09:55
Control Test	0.081	09:56
Air Blank	0.000	09:56

Control Test Stats

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

JCR
Operator's Signature

FHP TROOP E MIAMI
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001121
03/04/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:57
Control Test	0.198	09:58
Air Blank	0.000	09:59
Control Test	0.199	09:59
Air Blank	0.000	10:00
Control Test	0.198	10:00
Air Blank	0.000	10:01

Control Test Stats

Average	0.1983
Std Dev	0.0006
Rel Std Dev(%)	0.2911

JCR
Operator's Signature

FHP TROOP E MIAMI
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001121
03/04/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:06
Control Test	0.078	10:06
Air Blank	0.000	10:07
Control Test	0.078	10:07
Air Blank	0.000	10:08
Control Test	0.078	10:08
Air Blank	0.000	10:08

Control Test Stats

Average	0.0780
Std Dev	0.0000
Rel Std Dev(%)	0.0000

JCR
Operator's Signature

09:08