INSTRUMENT PROCESSING SHEET

FDLE Florida Department of Law Enforcement

Agency FHP Troop A S/N 80-006472

Date In 10/15/19 DI Completion Date 11/14/19 PGM ☒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

NOV 22 2019

Alcohol Testing Program

Quality Checks Performed By PGM

- ☑ Breath Tube Screen
- ☑ Replace External O-Rings
- ☑ Instrument Set Up Verified
- ☑ R-Value 235
- ☑ Flow Verification (L/s)

Flow Column # ATP102

32 mm	.164	(.139 - .169)
36 mm	.175	(.156 - .190)
53 mm	.243	(.228 - .278)
103 mm	.511	(.447 - .547)

- ☑ Barometric Pressure Check

Gauge ID # 28421

- ☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD1018	201905A 5/14/21
0.080	SD3962	201905B 5/14/21
0.200	G2078	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 PGM

- ☑ Lab Temp °C 21.8

External Digital Therm. ID#: 300505

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

Calibration Adjustment Performed By PGM

Barometric Pressure Gauge 1022 ID # 30793

Simulator	Serial Number	Lot Number	Expiration
0.000	G8144	N/A	N/A
0.040	G2403	19080	3/4/21
0.100	G2879	19160	7/9/21
0.200	G3709	19040	1/29/21
0.300	G8149	19010	1/3/21
0.080 DGS	N/A	035190804	4/5/21

- ☑ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	SD1018	201905A	5/14/21
0.080	SD3962	201905B	5/14/21
0.200	G2078	201904D	4/30/21
0.080 DGS	N/A	AG916501	6/14/21

Department Inspection Performed By PGM

Barometric Pressure ID# 28421

Gauge 1024 Instrument 1022

Mouth Alcohol Solution Lot # 2018-B

Acetone Stock Solution Lot # PGM ~~2018-A~~ 2019-A

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

Attachments

☑ Form 41	☑ Post-Stability Checks
☑ Stability Checks	☐ Flow Calibration
☑ Calibration Certificate	☑ Form 40 x 2
☑ Calibration Adjustment	☐ Other _____

Notes/Suggested Service: EMAILed

- ☑ **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 11/21/19 Brett Kirkland 11/21/19

Tech Review / Date Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FL HIGHWAY PATROL
Time of Inspection: 10:37
Date of Inspection: 11/14/2019
Serial Number: 80-006472
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	0.049	0.079	0.199	0.080
0.000	0.049	0.080	0.201	0.080
0.000	0.050	0.080	0.201	0.080
0.000	0.049	0.080	0.200	0.080
0.000	0.049	0.080	0.200	0.080
0.000	0.050	0.080	0.200	0.080
0.000	0.050	0.081	0.200	0.080
0.000	0.050	0.081	0.200	0.080
0.000	0.050	0.081	0.201	0.080
0.000	0.050	0.081	0.201	0.080

Standard Deviations	0.0005	0.0006	0.0006	0.0000

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

Remarks:

SP
BK
11/21/19

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

11/14/2019
Date

FDLE/ATP Form 41 –Revised August 2005

Florida Department of Law Enforcement
Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: FL HIGHWAY PATROL
Time of Inspection: 07:19
Date of Inspection: 11/13/2019
Serial Number: 80-006472
Software: 8100.27

Check or Test	YES	NO
Date and/or Time Adjusted		No
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:
SKIPPED AI TO OPERATE INSTRUMENT

SP
BK 11/21/19

NOT A compliance check Pgm

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.

Patrick J Murphy
PATRICK J MURPHY
Signature and Printed Name

11/13/2019
Date

FDLE/ATP Form 40 – March 2004

Florida Department of Law Enforcement
Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: FL HIGHWAY PATROL
Time of Inspection: 12:38 Date of Inspection: 11/05/2019 Serial Number: 80-006472
Software: 8100.27

Check or Test	YES	NO
Date and/or Time Adjusted		No
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:
SKIPPED AI TO OPERATE INSTRUMENT

SP BK 11/21/19

NOT A COMPLIANCE CHECK AGAIN

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.

Patrick J Murphy PATRICK J MURPHY
Signature and Printed Name

11/05/2019
Date

FDLE/ATP Form 40 – March 2004

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006472
11/05/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:46
Control Test	0.045	12:46
Air Blank	0.000	12:47
Control Test	0.045	12:47
Air Blank	0.000	12:48
Control Test	0.046	12:49
Air Blank	0.000	12:49
Control Test Stats		
Average	0.0453	
Std Dev	0.0006	
Rel Std Dev(%)	1.2736	

P Murphy
Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006472
11/05/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:50
Control Test	0.073	12:51
Air Blank	0.000	12:52
Control Test	0.074	12:52
Air Blank	0.000	12:53
Control Test	0.075	12:54
Air Blank	0.000	12:54
Control Test Stats		
Average	0.0740	
Std Dev	0.0010	
Rel Std Dev(%)	1.3514	

P Murphy
Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006472
11/05/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:55
Control Test	0.191	12:56
Air Blank	0.000	12:57
Control Test	0.195	12:57
Air Blank	0.000	12:58
Control Test	0.196	12:59
Air Blank	0.000	12:59
Control Test Stats		
Average	0.1940	
Std Dev	0.0026	
Rel Std Dev(%)	1.3638	

P Murphy
Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006472
11/05/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:00
Control Test	0.080	13:01
Air Blank	0.000	13:01
Control Test	0.080	13:01
Air Blank	0.000	13:02
Control Test	0.080	13:02
Air Blank	0.000	13:03
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS

P Murphy
Operator's Signature

SP
TSK
11/21/19

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006472
11/06/2019 10:28:53

Auto Calibration
Max Power Res Value = 78
Auto Range Res Value = 52

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12404, 9um Io = 13144

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1430	(-0.0310)
Sample #2 =	0.1390	(-0.0020)
Sample #3 =	0.1160	(0.0290)
Sample #4 =	0.1520	(0.0250)

Avg % Abs = 0.1357 (0.0173)
STD DEV = 0.0182 (0.0169)
REL STD DEV = 13.437 (97.282)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1530	(-0.0270)
Sample #2 =	0.1660	(-0.0070)
Sample #3 =	0.1520	(0.0000)
Sample #4 =	0.1660	(-0.0070)

Avg % Abs = 0.1613 (-0.0047)
STD DEV = 0.0081 (0.0040)
REL STD DEV = 5.010 (86.603)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12397, 9um Io = 13142

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8730	(-0.0100)
Sample #2 =	0.8910	(0.0120)
Sample #3 =	0.8530	(0.0420)
Sample #4 =	0.8470	(0.0560)

Avg % Abs = 0.8637 (0.0367)
STD DEV = 0.0239 (0.0225)
REL STD DEV = 2.763 (61.308)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5170	(0.0010)
Sample #2 =	1.5440	(-0.0070)
Sample #3 =	1.5260	(0.0030)
Sample #4 =	1.5020	(0.0140)

Avg % Abs = 1.5240 (0.0033)
STD DEV = 0.0211 (0.0105)
REL STD DEV = 1.383 (315.119)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12389, 9um Io = 13139

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.9260	(-0.0050)
Sample #2 =	1.9890	(-0.0120)
Sample #3 =	1.9370	(0.0240)
Sample #4 =	1.9820	(0.0110)

Avg % Abs = 1.9693 (0.0077)
STD DEV = 0.0282 (0.0182)
REL STD DEV = 1.433 (237.783)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.4970	(-0.0070)
Sample #2 =	3.5070	(-0.0020)
Sample #3 =	3.4930	(0.0150)
Sample #4 =	3.5140	(0.0020)

Avg % Abs = 3.5047 (0.0050)
STD DEV = 0.0107 (0.0089)
REL STD DEV = 0.305 (177.764)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12383, 9um Io = 13135

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6610	(-0.0110)
Sample #2 =	3.6560	(0.0150)
Sample #3 =	3.7280	(-0.0090)
Sample #4 =	3.7200	(0.0100)

Avg % Abs = 3.7013 (0.0053)
STD DEV = 0.0395 (0.0127)
REL STD DEV = 1.066 (237.418)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.6280	(-0.0130)
Sample #2 =	6.6230	(0.0080)
Sample #3 =	6.6530	(-0.0070)
Sample #4 =	6.6460	(0.0040)

Avg % Abs = 6.6407 (0.0017)
STD DEV = 0.0157 (0.0078)
REL STD DEV = 0.236 (466.047)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12380, 9um Io = 13134

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.3600	(-0.0130)
Sample #2 =	5.3670	(0.0060)
Sample #3 =	5.4120	(-0.0040)
Sample #4 =	5.3550	(0.0320)

Avg % Abs = 5.3780 (0.0113)
STD DEV = 0.0301 (0.0186)
REL STD DEV = 0.559 (163.969)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.5990	(0.0040)
Sample #2 =	9.6140	(0.0090)
Sample #3 =	9.6290	(0.0020)
Sample #4 =	9.5840	(0.0320)

Avg % Abs = 9.6090 (0.0143)
STD DEV = 0.0229 (0.0157)
REL STD DEV = 0.238 (109.500)

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.136
Std Dev = 0.02 Rel Std Dev = 13.44
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.864
Std Dev = 0.02 Rel Std Dev = 2.76
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.969
Std Dev = 0.03 Rel Std Dev = 1.43
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.701
Std Dev = 0.04 Rel Std Dev = 1.07
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.378
Std Dev = 0.03 Rel Std Dev = 0.56
Zero Order Coef = -333.59
First Order Coef = 2530.96
Second Order Coef = 34.93
Standard Deviation = 19.494568

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.161
Std Dev = 0.01 Rel Std Dev = 5.01
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.524
Std Dev = 0.02 Rel Std Dev = 1.38
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.505
Std Dev = 0.01 Rel Std Dev = 0.31
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.641
Std Dev = 0.02 Rel Std Dev = 0.24
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.609
Std Dev = 0.02 Rel Std Dev = 0.24
Zero Order Coef = -221.37
First Order Coef = 1372.32
Second Order Coef = 14.30
Standard Deviation = 1.400744

SP BK 11/21/19

Solution Stats Quadratic Fit Chan 1

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.000	-0.0002
0.040	0.039	0.0006
0.100	0.101	-0.0005
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	-0.0000
0.040	0.040	0.0000
0.100	0.100	-0.0000
0.200	0.200	0.0000
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 = 3026.00
Sample #2 = 3034.00
Sample #3 = 2997.00
Sample #4 = 3061.00
Average Result = 3030.6667
STD DEV = 32.1299
REL STD DEV = 1.060
****
***** CHANNEL 2
Sample #1 = 3267.00
Sample #2 = 3274.00
Sample #3 = 3274.00
Sample #4 = 3316.00
Average Result = 3288.0000
STD DEV = 24.2487
REL STD DEV = 0.737
****
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1021
3 um H20 Adjust (mg/l*10,000) = 779
9 um H20 Adjust (mg/l*10,000) = 521
**** AUTO CAL PASS

80-006472
AND POST CALIBRATION
ADJUST STABILITIES

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006472
11/14/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:20
Control Test	0.049	07:21
Air Blank	0.000	07:21
Control Test	0.049	07:22
Air Blank	0.000	07:22
Control Test	0.048	07:23
Air Blank	0.000	07:24

Control Test Stats

Average	0.0487
Std Dev	0.0006
Rel Std Dev(%)	1.1863

P Murphy
Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006472
11/14/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:31
Control Test	0.199	07:31
Air Blank	0.000	07:32
Control Test	0.200	07:33
Air Blank	0.000	07:33
Control Test	0.199	07:34
Air Blank	0.000	07:34

Control Test Stats

Average	0.1993
Std Dev	0.0006
Rel Std Dev(%)	0.2896

P Murphy
Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006472
11/14/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:25
Control Test	0.079	07:26
Air Blank	0.000	07:26
Control Test	0.079	07:27
Air Blank	0.000	07:28
Control Test	0.079	07:28
Air Blank	0.000	07:29

Control Test Stats

Average	0.0790
Std Dev	0.0000
Rel Std Dev(%)	0.0000

P Murphy
Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006472
11/14/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:36
Control Test	0.080	07:36
Air Blank	0.000	07:37
Control Test	0.080	07:37
Air Blank	0.000	07:38
Control Test	0.080	07:38
Air Blank	0.000	07:39

Control Test Stats

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

DGS

P Murphy
Operator's Signature

SP BK 11/21/19

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 80-006472 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-006472
Owning Agency:	FL HIGHWAY PATROL
Calibration Date:	11/14/2019
Calibration Time:	10:37

	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.

11/14/2019
Date

Patrick J Murphy
PATRICK J MURPHY,
Department Inspector

SP
BK
11/21/19

FDLE

Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency FHP S/N 80-006472

Date In 1/14/19 DI Completion Date 1/17/2019 ☒Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake Performed By SJC

- ☒ Annual
- ☐ Registration
- ☒ Return from CMP / EE

Visual Inspection:

- ☒ Case
- ☒ Keyboard
- ☒ Feet
- ☒ Ports
- ☒ Handle
- ☒ Dry Gas Shelf
- ☒ Breath Tube
- ☒ Screws Tight

Other Equipment/ Accessories:

- ☐ Power cord
- ☐ Printer Cable
- ☐ Static Bag
- ☐ 12V DC Cable

Notes: _____

Final Release Date

FDLE

JAN 18 2019

Alcohol Testing Program

Quality Checks Performed By PJM

- ☒ Breath Tube Screen
- ☒ Replace External O-Rings
- ☒ Instrument Set Up Verified
- ☒ R-Value 237
- ☒ Flow Verification (L/s)

Flow Column # ATP102

32 mm	.148	(.139 - .169)
36 mm	.167	(.156 - .190)
53 mm	.246	(.228 - .278)
103 mm	.507	(.447 - .547)

- ☒ Barometric Pressure Check

Gauge ID # 30793

- ☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD1021	2017070 / 7/25/19
0.080	DR1275	201707E / 7/25/19
0.200	SD1013	201707C / 7/24/19
0.080 DGS	N/A	AG805701 / 2/26/20

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 PJM

- ☒ Lab Temp °C 21.3

External Digital Therm. ID#: 300505

- ☒ 34°C +-.2 Serial #: SD1021
- ☒ 34°C +-.2 Serial #: DR1275
- ☒ 34°C +-.2 Serial #: SD1013

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 PJM

Barometric Pressure ID# 30793

Gauge 1024 Instrument 1023

Mouth Alcohol Solution Lot # 2018-B

Acetone Stock Solution Lot # 2018-A

Simulator	Serial Number
0.000	G11621
Interferent	DR3855
0.050	SD1021
0.080	DR1275
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**

1/18/19 Brett Kirkland 1/18/19

Tech Review / Date Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FL HIGHWAY PATROL
Time of Inspection: 10:44
Date of Inspection: 01/17/2019
Serial Number: 80-006472
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	0.047	0.077	0.197	0.079
0.000	0.047	0.078	0.198	0.079
0.000	0.048	0.078	0.199	0.078
0.000	0.048	0.078	0.199	0.079
0.000	0.048	0.078	0.198	0.079
0.000	0.048	0.078	0.198	0.078
0.000	0.048	0.078	0.198	0.079
0.000	0.048	0.078	0.199	0.079
0.000	0.048	0.078	0.199	0.079
0.000	0.048	0.079	0.198	0.079

Standard Deviations	0.0004	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:

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

01/17/2019
Date

1/18/19
SD
BK

FDLE/ATP Form 41 –Revised August 2005

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006472
01/17/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:46
Control Test	0.047	08:46
Air Blank	0.000	08:47
Control Test	0.047	08:47
Air Blank	0.000	08:48
Control Test	0.047	08:49
Air Blank	0.000	08:49

Control Test Stats

Average	0.0470
Std Dev	0.0000
Rel Std Dev(%)	0.0000

P Murphy
Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006472
01/17/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:50
Control Test	0.077	08:51
Air Blank	0.000	08:52
Control Test	0.078	08:52
Air Blank	0.000	08:53
Control Test	0.078	08:53
Air Blank	0.000	08:54

Control Test Stats

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

P Murphy
Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006472
01/17/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:37
Control Test	0.194	08:37
Air Blank	0.000	08:38
Control Test	0.196	08:39
Air Blank	0.000	08:39
Control Test	0.196	08:40
Air Blank	0.000	08:40

Control Test Stats

Average	0.1953
Std Dev	0.0012
Rel Std Dev(%)	0.5911

P Murphy
Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006472
01/17/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:42
Control Test	0.079	08:42
Air Blank	0.000	08:43
Control Test	0.079	08:43
Air Blank	0.000	08:43
Control Test	0.079	08:44
Air Blank	0.000	08:44

Control Test Stats

Average	0.0790
Std Dev	0.0000
Rel Std Dev(%)	0.0000

DGS

P Murphy
Operator's Signature

1/18/19
SO
BK

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 80-006472 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-006472
Owning Agency:	FL HIGHWAY PATROL
Calibration Date:	01/17/2019
Calibration Time:	10:44

	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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01/17/2019
Date

Patrick J Murphy
PATRICK J MURPHY,
Department Inspector

1/18/19 DP BK