

Return Material Authorization

Ship to:

☒ CMI, Inc.

☐ Enforcement Electronics

Shipment to repair facility authorized by: Trooper Daughtry on 07/08/2019

Items Returned: Instrument ☒ Supplies ☐ Other ☐ Describe: _____

Instrument Model: Intoxilyzer 8000 Serial Number: 80-006770

Bill To Address:

Florida Highway Patrol

10041 Daniels Pkwy

Fort Myers, FL 33913

Ship to Address:

FDLE

Attn: Michael Haughey

4700 Terminal Drive Suite 1

Fort Myers, FL 33907

Reason for Return:

When reading a 0.05 g/210L ethanol solution interferent was flagged. Checked the DVMS,
clicked the inlet valve and the 9 jumped to over 100 (read as ** on instrument). The 3 signal
was steady.

Please choose one of the following options:

- ☐ 1. I _____, authorize all repairs.
- ☐ 2. I _____, authorize repairs up to \$_____.
- ☒ 3. I require an estimate **BEFORE** any repairs will be authorized and/ or conducted.

Please contact: Name: Trooper Niles Daughtry

Phone #: (850) 382-4129 Email: nilesdaughtry@flhsmv.gov

ATP Contact Name: Michael Haughey ATP Email: michaelhaughey@fdle.state.fl.us



INSTRUMENT PROCESSING SHEET

Agency FHP Troop FS/N 80-006770Florida Department of
Law EnforcementDate In 07/02/2019 DI Completion Date 07/02/2019☐ Ship ☒ P/U ☐ H/D ☐ CMI ☐ EE

Intake	Performed By	Quality Checks	Performed By	Flow Calibration	Performed By																												
☒ 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: _____ _____ _____		☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>245</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP 101</u> 32 mm <u>0.148</u> (.139 - .169) 36 mm <u>0.171</u> (.156 - .190) 53 mm <u>0.234</u> (.228 - .278) 103 mm <u>0.500</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>68639</u> ☒ Stability Checks <table border="1"><thead><tr><th>Simulator</th><th>Serial #</th><th>Lot #/Exp</th></tr></thead><tbody><tr><td>0.050</td><td>MP4863</td><td>201707D 07/25/2019</td></tr><tr><td>0.080</td><td>MP4864</td><td>201707E 07/25/2019</td></tr><tr><td>0.200</td><td>MP5097</td><td>201707C 07/24/2019</td></tr><tr><td>0.080 DGS</td><td>N/A</td><td>AG831804 11/14/2020</td></tr></tbody></table>	Simulator	Serial #	Lot #/Exp	0.050	MP4863	201707D 07/25/2019	0.080	MP4864	201707E 07/25/2019	0.200	MP5097	201707C 07/24/2019	0.080 DGS	N/A	AG831804 11/14/2020		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)														
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Final Release Date				Maintenance Performed By _____ ☐ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☒ Other <u>Flashed Software</u>																													
				Temperature Checks Performed By _____ ☒ Lab Temp °C <u>22.42</u> External Digital Therm. ID#: <u>300504</u> ☒ 34°C +/- .2 Serial #: <u>MP4863</u> ☒ 34°C +/- .2 Serial #: <u>MP4864</u> ☒ 34°C +/- .2 Serial #: <u>MP5097</u>																													
Calibration Adjustment	Performed By _____	Department Inspection	Performed By _____																														
Barometric Pressure Gauge <u>1015</u> ID # <u>28199</u>		Barometric Pressure ID# <u>28663</u>																															
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☒ Post Calibration Adjustment Stability Checks		<table border="1"><thead><tr><th>Simulator</th><th>Serial Number</th></tr></thead><tbody><tr><td>0.000</td><td>SD1014</td></tr><tr><td>Interferent</td><td>SD1015</td></tr><tr><td>0.050</td><td>MP4863</td></tr><tr><td>0.080</td><td>MP4864</td></tr><tr><td>0.200</td><td>MP5097</td></tr></tbody></table>	Simulator	Serial Number	0.000	SD1014	Interferent	SD1015	0.050	MP4863	0.080	MP4864	0.200	MP5097																			
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		☒ Form 41 ☒ Stability Checks ☒ Calibration Certificate ☒ Calibration Adjustment		☒ Post-Stability Checks ☐ Flow Calibration ☒ Form 40 ☐ Other _____																													
Notes/Suggested Service: _____ Post Calibration stability display incorrect. Software flashed. Displayed correct. Failed Inspection. Int detect on 0.05 Recommend Repair. _____ _____		☐ 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																															
		Tech Review / Date _____		Admin Review / Date _____																													

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FHP TROOP F

Time of Inspection: 16:24

Date of Inspection: 07/02/2019

Serial Number: 80-006770

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		No

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#: 201707D Exp: 07/25/2019	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:
0.000	0.050 / 0.051			
0.000	0.049 / INT			
0.000	0.048			
0.000	0.048			
0.000	0.047			
0.000	0.046			
0.000	0.045			
0.000	INT			
0.000				
0.000				

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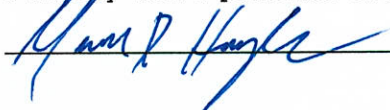
Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: _____ Number of Simulators Used: 5

Remarks:

05: Interferent Detect, Interferent Detect. Non-compliance: 05 INT.

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

I certify that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.



MICHAEL D HAUGHEY

Signature and Printed Name

07/02/2019
Date

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-006770	FHP- Troop F	07/02/2019	MDH

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L																																																																																																																																																
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Florida Department of Law Enforcement

Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: FL HIGHWAY PATROL

Time of Inspection: 11:38

Date of Inspection: 07/02/2019

Serial Number: 80-006770

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:

BY-PASSED AI. COMPLAINT NOT DETERMINED.

The above instrument complies (☒) 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.

MICHAEL D HAUGHEY

Signature and Printed Name

07/02/2019
Date

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities <i>Test</i>	80-006770	FHP - Troop F	07/02/2019	Matt

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
0.047 to 0.053 ☒	0.077 to 0.083 ☒	0.194 to 0.206 ☒	0.077 to 0.083 ☒
FHP TROOP F Intoxilyzer - Alconol Analyzer Model 8000 07/02/2019 SN 80-006770 Software: 8100.27 Test g/210L Time Air Blank 0.000 13:54 Control Test 0.048 13:55 Air Blank 0.000 13:56 Control Test 0.048 13:56 Air Blank 0.000 13:57 Control Test 0.048 13:58 Air Blank 0.000 13:58 Control Test Stats Average 0.0480 Std Dev 0.0000 Rel Std Dev(%) 0.0000	FHP TROOP F Intoxilyzer - Alconol Analyzer Model 8000 07/02/2019 SN 80-006770 Software: 8100.27 Test g/210L Time Air Blank 0.000 13:59 Control Test 0.080 14:00 Air Blank 0.000 14:00 Control Test 0.080 14:01 Air Blank 0.000 14:02 Control Test 0.081 14:02 Air Blank 0.000 14:03 Control Test Stats Average 0.0803 Std Dev 0.0006 Rel Std Dev(%) 0.7187	FHP TROOP F Intoxilyzer - Alconol Analyzer Model 8000 07/02/2019 SN 80-006770 Software: 8100.27 Test g/210L Time Air Blank 0.000 14:04 Control Test 0.201 14:05 Air Blank 0.000 14:05 Control Test 0.201 14:06 Air Blank 0.000 14:07 Control Test 0.201 14:07 Air Blank 0.000 14:08 Control Test Stats Average 0.2010 Std Dev 0.0000 Rel Std Dev(%) 0.0000	FHP TROOP F Intoxilyzer - Alconol Analyzer Model 8000 07/02/2019 SN 80-006770 Software: 8100.27 Test g/210L Time Air Blank 0.000 14:09 Control Test 0.080 14:10 Air Blank 0.000 14:10 Control Test 0.080 14:11 Air Blank 0.000 14:11 Control Test 0.080 14:12 Air Blank 0.000 14:12 Control Test Stats Average 0.0800 Std Dev 0.0000 Rel Std Dev(%) 0.0000
Operator's Signature <i>MMK</i>	Operator's Signature <i>MMK</i>	Operator's Signature <i>MMK</i>	Operator's Signature <i>MMK</i>

FAP TROOP F
Intoxilyzer - Alcohol Analyzer
Model 80100
07/02/2019

SN 80-006770
13:13:58

Auto Calibration
Max Power Res Value = 103
Auto Range Res Value = 82

Soil Value = 0.000 g/210L ***

Fit Value = 0.0000 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12779, Sum Io = 13070

Channel 1 >>>>

Sample % Abs (% Abs Ref)

Sample #1 = 0.0330 (-0.0100)

Sample #2 = 0.0230 (-0.0000)

Sample #3 = 0.0630 (-0.0120)

Sample #4 = 0.0520 (-0.0100)

Avg % Abs = 0.0460 (-0.0007)

STD DEU = 0.0207 (-0.0110)

REL STD DEU = 44.922 (1652.271)

Channel 2 >>>>

Sample % Abs (% Abs Ref)

Sample #1 = 0.1740 (-0.0060)

Sample #2 = 0.1600 (-0.0000)

Sample #3 = 0.1670 (-0.0040)

Sample #4 = 0.1670 (-0.0080)

Avg % Abs = 0.1713 (-0.0013)

STD DEU = 0.0140 (-0.0061)

REL STD DEU = 8.178 (458.258)

Soil Value = 0.040 g/210L ***

Fit Value = 0.1905 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12775, Sum Io = 13068

Channel 1 >>>>

Sample % Abs (% Abs Ref)

Sample #1 = 0.7410 (-0.0060)

Sample #2 = 0.7620 (-0.0190)

Sample #3 = 0.7560 (-0.0110)

Sample #4 = 0.7750 (-0.0060)

Avg % Abs = 0.7643 (-0.0047)

STD DEU = 0.0097 (-0.0150)

REL STD DEU = 1.221 (3322.380)

Channel 2 >>>>

Sample % Abs (% Abs Ref)

Sample #1 = 1.5600 (-0.0100)

Sample #2 = 1.5380 (-0.0140)

Sample #3 = 1.5490 (-0.0040)

Sample #4 = 1.5550 (-0.0100)

Avg % Abs = 1.5473 (-0.0093)

STD DEU = 0.0086 (-0.0050)

REL STD DEU = 0.557 (53.927)

Soil Value = 0.100 g/210L ***

Fit Value = 0.4762 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12773, Sum Io = 13066

Channel 1 >>>>

Sample % Abs (% Abs Ref)

Sample #1 = 1.8400 (-0.0240)

Sample #2 = 1.7910 (-0.0080)

Sample #3 = 1.7820 (-0.0100)

Sample #4 = 1.8290 (-0.0080)

Avg % Abs = 1.7973 (-0.0033)

STD DEU = 0.0274 (-0.0099)

REL STD DEU = 1.526 (295.973)

Channel 2 >>>>

Sample % Abs (% Abs Ref)

Sample #1 = 3.5630 (-0.0150)

Sample #2 = 3.5590 (-0.0040)

Sample #3 = 3.5360 (-0.0010)

Sample #4 = 3.5580 (-0.0130)

Avg % Abs = 3.5443 (-0.0060)

STD DEU = 0.0119 (-0.0062)

REL STD DEU = 0.337 (104.083)

Channel 2 >>>>

Sample % Abs (% Abs Ref)

Sample #1 = 6.7560 (-0.0010)

Sample #2 = 6.7790 (-0.0060)

Sample #3 = 6.7880 (-0.0000)

Sample #4 = 6.7580 (-0.0080)

Avg % Abs = 6.7750 (-0.0047)

STD DEU = 0.0154 (-0.0042)

REL STD DEU = 0.227 (89.214)

Soil Value = 0.300 g/210L ***

Fit Value = 1.4266 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12772, Sum Io = 13065

Channel 1 >>>>

Sample % Abs (% Abs Ref)

Sample #1 = 5.1830 (-0.0000)

Sample #2 = 5.1320 (-0.0270)

Sample #3 = 5.1550 (-0.0040)

Sample #4 = 5.1290 (-0.0300)

Avg % Abs = 5.1387 (-0.0203)

STD DEU = 0.0142 (-0.0142)

REL STD DEU = 0.277 (69.956)

Channel 2 >>>>

Sample % Abs (% Abs Ref)

Sample #1 = 9.7930 (-0.0190)

Sample #2 = 9.7440 (-0.0140)

Sample #3 = 9.7580 (-0.0000)

Sample #4 = 9.7060 (-0.0070)

Avg % Abs = 9.7360 (-0.0023)

STD DEU = 0.0269 (-0.0107)

REL STD DEU = 0.276 (456.258)

AUTO CAL DATA *****

Channel 1 >>>>

Soil Val = 0.0000 mg/l or 0.000 g/210L

% Abs = 0.046

Std Dev = 0.02 Rel Std Dev = 44.92

Soil Val = 0.1905 mg/l or 0.040 g/210L

% Abs = 0.764

Std Dev = 0.01 Rel Std Dev = 1.27

Soil Val = 0.4762 mg/l or 0.100 g/210L

% Abs = 1.797

Std Dev = 0.03 Rel Std Dev = 1.53

Soil Val = 0.9524 mg/l or 0.200 g/210L

% Abs = 3.545

Std Dev = 0.01 Rel Std Dev = 0.14

Soil Val = 1.4266 mg/l or 0.300 g/210L

% Abs = 5.139

Std Dev = 0.01 Rel Std Dev = 0.28

Zero Order Coef = -100.02

First Order Coef = 2598.82

Second Order Coef = 38.11

Standard Deviation = 50.917530

Channel 2 >>>>

Soil Val = 0.0000 mg/l or 0.000 g/210L

% Abs = 0.171

Std Dev = 0.01 Rel Std Dev = 8.18

Soil Val = 0.1905 mg/l or 0.040 g/210L

% Abs = 1.547

Std Dev = 0.01 Rel Std Dev = 0.56

Soil Val = 0.4762 mg/l or 0.100 g/210L

% Abs = 3.544

Std Dev = 0.01 Rel Std Dev = 0.34

Soil Val = 0.9524 mg/l or 0.200 g/210L

% Abs = 6.775

Std Dev = 0.02 Rel Std Dev = 0.23

Soil Val = 1.4266 mg/l or 0.300 g/210L

% Abs = 9.736

Std Dev = 0.03 Rel Std Dev = 0.28

Zero Order Coef = -214.51

First Order Coef = 1341.35

Second Order Coef = 15.04

Standard Deviation = 28.375500

Solution Stats Quadratic Fit Chan 2

Act Fit Residual

g/210L g/210L g/210L

0.000 0.000 -0.0003

0.040 0.040 0.0002

0.100 0.099 0.0007

0.200 0.201 -0.0008

0.300 0.300 0.0003

Soil Value = 0.090 g/210L ***

Fit Value = 0.3810 mg/l %%%

Samples Taken = 4, Discarded = 1

Channel 1 >>>>

Sample #1 = 3415.00

Sample #2 = 3412.00

Sample #3 = 3412.00

Sample #4 = 3410.00

Average Result = 3411.3333

STD DEU = 1.1547

REL STD DEU = 0.034

Channel 2 >>>>

Sample #1 = 3322.00

Sample #2 = 3298.00

Sample #3 = 3316.00

Sample #4 = 3320.00

Average Result = 3311.3333

STD DEU = 11.7189

REL STD DEU = 0.354

Dry Gas H2O Adjust Results *****

Barometric Pressure = 1014

3 um H2O Adjust (mg/l*10.000) = 398

9 um H2O Adjust (mg/l*10.000) = 498

**** AUTO CAL P955

Optical Calibration

SN: 80-006770

Agency: FAP-Troop F

Date: 07/02/2019

By: MY

Solution Stats Quadratic Fit Chan 1

Act Fit Residual

g/210L g/210L g/210L

0.000 0.000 -0.0004

0.040 0.040 -0.0001

0.100 0.099 0.0014

0.200 0.201 -0.0014

0.300 0.299 0.0005