



INSTRUMENT PROCESSING SHEET

Agency FHP BrevardS/N 80-001361Florida Department of
Law EnforcementDate In 5/31/2019DI Completion Date 6/6/19☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake Performed By <u>DP</u> ☒ 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: _____		Quality Checks Performed By <u>SP</u> ☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>146</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP103</u> 32 mm <u>144</u> (.139 - .169) 36 mm <u>SP 1.60 .160</u> (.156 - .190) 53 mm <u>234</u> (.228 - .278) 103 mm <u>SP 40 .503</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>26932</u> ☒ Stability Checks		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)																																							
Final Release Date FDLE JUN 10 2019 Alcohol Testing Program		<table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial #</th> <th>Lot #/Exp</th> </tr> </thead> <tbody> <tr> <td>0.050</td> <td>SD1012</td> <td>201707D 7-25-19</td> </tr> <tr> <td>0.080</td> <td>DR1279</td> <td>201707E 7-25-19</td> </tr> <tr> <td>0.200</td> <td>SD1013</td> <td>201707C 7-24-19</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td>AG831804 11-14-20</td> </tr> </tbody> </table>		Simulator	Serial #	Lot #/Exp	0.050	SD1012	201707D 7-25-19	0.080	DR1279	201707E 7-25-19	0.200	SD1013	201707C 7-24-19	0.080 DGS	N/A	AG831804 11-14-20	Maintenance Performed By <u>SP</u> ☒ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☐ Other _____																								
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Notes/Suggested Service: <u>Performed cal adjustment due to barometric pressure difference greater than 1%.</u>		Attachments ☒ Form 41 ☒ Stability Checks ☒ Calibration Certificate ☒ Calibration Adjustment ☒ Post-Stability Checks ☐ Flow Calibration ☐ Form 40 ☐ Other _____																																									
☒ 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 <u>6/6/19</u> <u>J. Deane</u> Admin Review / Date <u>6/10/19</u>																																									

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FL HIGHWAY PATROL
Time of Inspection: 14:22

Date of Inspection: 06/06/2019

Serial Number: 80-001361
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#:AG831804 Exp: 11/14/2020
0.000	0.049	0.079	0.198	0.079
0.000	0.049	0.080	0.200	0.079
0.000	0.050	0.081	0.201	0.079
0.000	0.050	0.080	0.200	0.079
0.000	0.050	0.080	0.201	0.079
0.000	0.050	0.080	0.201	0.079
0.000	0.050	0.081	0.201	0.079
0.000	0.050	0.080	0.200	0.079
0.000	0.050	0.080	0.200	0.080
0.000	0.050	0.080	0.200	0.080

Standard Deviations	0.0004	0.0005	0.0009	0.0004
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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 (☒) 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

06/06/2019

Date

Stability Checks #80-201361

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001361
06/03/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:11
Control Test	0.081	11:11
Air Blank	0.000	11:12
Control Test	0.081	11:12
Air Blank	0.000	11:12
Control Test	0.081	11:13
Air Blank	0.000	11:13
Control Test	0.000	11:13
Average	0.0810	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS

SP
Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001361
05/27/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:36
Control Test	0.196	11:37
Air Blank	0.000	11:37
Control Test	0.196	11:38
Air Blank	0.000	11:39
Control Test	0.197	11:39
Air Blank	0.000	11:40
Control Test	0.1963	
Average	0.0006	
Std Dev	0.2941	
Rel Std Dev(%)	0.2941	

SP
Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001361
05/27/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:29
Control Test	0.080	11:30
Air Blank	0.000	11:30
Control Test	0.080	11:31
Air Blank	0.000	11:31
Control Test	0.080	11:32
Air Blank	0.000	11:32
Control Test	0.0800	
Average	0.0000	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP
Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001361
05/27/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:21
Control Test	0.048	11:22
Air Blank	0.000	11:23
Control Test	0.049	11:23
Air Blank	0.000	11:24
Control Test	0.049	11:24
Air Blank	0.000	11:25
Control Test	0.0487	
Average	0.0006	
Std Dev	1.1863	
Rel Std Dev(%)		

SP
Operator's Signature

Stability Tests Conducted
on 6/3 Prior to
Battery Change SP

6/10/19
J2
Ogan



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 80-001361, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001361</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>FL HIGHWAY PATROL</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>06/06/2019</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>14:22</u>	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.

06/06/2019

Date

Shayla Platt

SHAYLA D PLATT,
Department Inspector

FDLE/ATP Form 69 July 2018

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

6/10/19
JP
Qam

FL HIGHWAY PATROL

Intoxilyzer - Alcohol Analyzer

Model 8000

06/03/2019

14:37:16

Auto Calibration

Max Power Res Value = 38

Auto Range Res Value = 17

Sol Value = 0.000 g/210L ***

Fit value = 0.0000 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 11807, Sum Io = 14139

***** CHANNEL 1 *****

Sample % Abs (% Abs Ref)

Sample #1 = 0.0810 (-0.0220)

Sample #2 = 0.0870 (0.0110)

Sample #3 = 0.0900 (0.0420)

Sample #4 = 0.0710 (0.0720)

Aug % Abs = 0.0827 (0.0417)

STD DEV = 0.0102 (0.0305)

REL STD DEV = 12.356 (73.203)

***** CHANNEL 2 *****

Sample % Abs (% Abs Ref)

Sample #1 = 0.0490 (0.0070)

Sample #2 = 0.0750 (0.0020)

Sample #3 = 0.0730 (0.0110)

Sample #4 = 0.0860 (0.0100)

Aug % Abs = 0.0780 (0.0077)

STD DEV = 0.0070 (0.0049)

REL STD DEV = 8.974 (64.342)

Sol Value = 0.040 g/210L ***

Fit value = 0.1905 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 11789, Sum Io = 14131

***** CHANNEL 1 *****

Sample % Abs (% Abs Ref)

Sample #1 = 0.8080 (-0.0280)

Sample #2 = 0.8090 (-0.0010)

Sample #3 = 0.8070 (0.0230)

Sample #4 = 0.8190 (0.0290)

Aug % Abs = 0.8117 (0.0170)

STD DEV = 0.0064 (0.0155)

REL STD DEV = 0.792 (93.379)

***** CHANNEL 2 *****

Sample % Abs (% Abs Ref)

Sample #1 = 0.8080 (-0.0280)

Sample #2 = 0.8090 (-0.0010)

Sample #3 = 0.8070 (0.0230)

Sample #4 = 0.8190 (0.0290)

Aug % Abs = 0.8117 (0.0170)

STD DEV = 0.0064 (0.0155)

REL STD DEV = 0.792 (93.379)

***** CHANNEL 2 *****

Sample % Abs (% Abs Ref)

Sample #1 = 1.5110 (-0.0090)

Sample #2 = 1.5010 (-0.0040)

Sample #3 = 1.5090 (0.0050)

Sample #4 = 1.5110 (0.0030)

Aug % Abs = 1.5070 (0.0013)

STD DEV = 0.0053 (0.0047)

REL STD DEV = 0.351 (354.436)

Sol Value = 0.100 g/210L ***

Fit value = 0.4762 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 11779, Sum Io = 14125

***** CHANNEL 1 *****

Sample % Abs (% Abs Ref)

Sample #1 = 1.8700 (-0.0200)

Sample #2 = 1.8700 (-0.0030)

Sample #3 = 1.8860 (-0.0020)

Sample #4 = 1.8810 (0.0200)

Aug % Abs = 1.8790 (0.0050)

STD DEV = 0.0082 (0.0130)

REL STD DEV = 0.436 (260.000)

***** CHANNEL 2 *****

Sample % Abs (% Abs Ref)

Sample #1 = 3.6080 (-0.0190)

Sample #2 = 3.6300 (-0.0320)

Sample #3 = 3.6230 (-0.0200)

Sample #4 = 3.6090 (-0.0180)

Aug % Abs = 3.6207 (-0.0233)

STD DEV = 0.0107 (0.0076)

REL STD DEV = 0.295 (32.451)

Sol Value = 0.200 g/210L ***

Fit value = 0.9524 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 11774, Sum Io = 14126

***** CHANNEL 1 *****

Sample % Abs (% Abs Ref)

Sample #1 = 3.5810 (-0.0140)

Sample #2 = 3.5760 (0.0160)

Sample #3 = 3.6090 (0.0090)

Sample #4 = 3.6030 (0.0320)

Aug % Abs = 3.5960 (0.0190)

STD DEV = 0.0176 (0.0118)

REL STD DEV = 0.489 (62.052)

***** CHANNEL 2 *****

Sample % Abs (% Abs Ref)

Sample #1 = 3.5810 (-0.0140)

Sample #2 = 3.5760 (0.0160)

Sample #3 = 3.6090 (0.0090)

Sample #4 = 3.6030 (0.0320)

Aug % Abs = 3.5960 (0.0190)

STD DEV = 0.0176 (0.0118)

REL STD DEV = 0.489 (62.052)

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

***** CHANNEL 1 *****

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

% Abs = 0.083

Std Dev = 0.01 Rel Std Dev = 12.36

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

% Abs = 0.812

Std Dev = 0.01 Rel Std Dev = 0.79

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

% Abs = 1.879

Std Dev = 0.01 Rel Std Dev = 0.44

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

% Abs = 3.596

Std Dev = 0.02 Rel Std Dev = 0.49

Sol Val = 1.4286 mg/l or 0.300 g/210L

% Abs = 5.250

Std Dev = 0.02 Rel Std Dev = 0.30

Zero Order Coef = -216.02

First Order Coef = 2587.91

Second Order Coef = 33.28

Standard Deviation = 2.436575

***** CHANNEL 2 *****

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

% Abs = 0.078

Std Dev = 0.01 Rel Std Dev = 8.97

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

% Abs = 1.507

Std Dev = 0.01 Rel Std Dev = 0.35

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

% Abs = 3.621

Std Dev = 0.01 Rel Std Dev = 0.30

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

% Abs = 6.937

Std Dev = 0.01 Rel Std Dev = 0.17

Sol Val = 1.4286 mg/l or 0.300 g/210L

% Abs = 10.041

Std Dev = 0.04 Rel Std Dev = 0.37

Zero Order Coef = -88.21

First Order Coef = 1288.54

Second Order Coef = 14.19

Standard Deviation = 12.421417

***** CHANNEL 1 *****

Sample #1 = 3497.00

Sample #2 = 3523.00

Sample #3 = 3503.00

Sample #4 = 3526.00

Average Result = 3517.3333

STD DEV = 12.5033

REL STD DEV = 0.355

***** CHANNEL 2 *****

Sample #1 = 3497.00

Sample #2 = 3523.00

Sample #3 = 3503.00

Sample #4 = 3526.00

Average Result = 3517.3333

STD DEV = 12.5033

REL STD DEV = 0.355

***** CHANNEL 1 *****

Sample #1 = 3497.00

Sample #2 = 3523.00

Sample #3 = 3503.00

Sample #4 = 3526.00

Average Result = 3517.3333

STD DEV = 12.5033

REL STD DEV = 0.355

***** CHANNEL 2 *****

Sample #1 = 3497.00

Sample #2 = 3523.00

Sample #3 = 3503.00

Sample #4 = 3526.00

Average Result = 3517.3333

STD DEV = 12.5033

REL STD DEV = 0.355

Dry Gas H2O Adjust Results *****

Barometric Pressure = 1012

3 um H2O Adjust (mg/l*10,000) = 578

9 um H2O Adjust (mg/l*10,000) = 292

**** AUTO CAL PASS

CAL ADJUSTMENT

#80-001361 SP

6/10/19

22

Post Cal - Adjust Stability Checks #80-001361

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000
06/03/2019
Software: 8100.27
SN 80-001361

Test	g/210L	Time
Air Blank	0.000	15:48
Control Test	0.048	15:49
Air Blank	0.000	15:49
Control Test	0.049	15:50
Air Blank	0.000	15:51
Control Test	0.049	15:51
Air Blank	0.000	15:52
Control Test Stats		
Average	0.0487	
Std Dev	0.0006	
Rel Std Dev(%)	1.1863	

SP

Operator's Signature

QDM

6/10/19
JH

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000
06/03/2019
Software: 8100.27
SN 80-001361

Test	g/210L	Time
Air Blank	0.000	15:44
Control Test	0.078	15:45
Air Blank	0.000	15:45
Control Test	0.079	15:46
Air Blank	0.000	15:46
Control Test	0.079	15:47
Air Blank	0.000	15:47
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

SP

Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000
06/03/2019
Software: 8100.27
SN 80-001361

Test	g/210L	Time
Air Blank	0.000	15:39
Control Test	0.196	15:40
Air Blank	0.000	15:41
Control Test	0.198	15:41
Air Blank	0.000	15:42
Control Test	0.198	15:42
Air Blank	0.000	15:43
Control Test Stats		
Average	0.1973	
Std Dev	0.0012	
Rel Std Dev(%)	0.5852	

SP

Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000
06/03/2019
Software: 8100.27
SN 80-001361

Test	g/210L	Time
Air Blank	0.000	15:53
Control Test	0.080	15:53
Air Blank	0.000	15:54
Control Test	0.080	15:54
Air Blank	0.000	15:55
Control Test	0.080	15:55
Air Blank	0.000	15:56
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

JH

SP

Operator's Signature