



INSTRUMENT PROCESSING SHEET

Agency Florida Highway PatrolS/N 80-003407Florida Department of
Law EnforcementDate In 6/10/2022DI Completion Date 06-13-2022☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By PN	Quality Checks	By PN	Date <u>6/13/2022</u>	Flow Calibration	By	Date																												
☒ 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: <u>Arrived in a non-Intoxilyzer box without foam inserts. PN</u>		☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>235</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP 103</u> 32 mm <u>.156</u> (.139 - .169) 36 mm <u>.164</u> (.156 - .190) 53 mm <u>.234</u> (.228 - .278) 103 mm <u>.496</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>28662</u> ☒ Stability Checks			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)																														
		<table border="1"><thead><tr><th>Simulator</th><th>Serial #</th><th>Lot #/Exp</th></tr></thead><tbody><tr><td>0.050</td><td>MP6291</td><td>202201C 01/11/2024</td></tr><tr><td>0.080</td><td>MP6292</td><td>202201D 01/18/2024</td></tr><tr><td>0.200</td><td>MP6293</td><td>202201E 01/18/2024</td></tr><tr><td>0.080 DGS</td><td>N/A</td><td>AG121002 07/29/2023</td></tr></tbody></table>	Simulator	Serial #	Lot #/Exp	0.050	MP6291	202201C 01/11/2024	0.080	MP6292	202201D 01/18/2024	0.200	MP6293	202201E 01/18/2024	0.080 DGS	N/A	AG121002 07/29/2023																		
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Calibration Adjustment		By <u>IS</u>		Department Inspection			By <u>IS</u>																												
Barometric Pressure Gauge <u>1015</u> ID # <u>30793</u>				Barometric Pressure ID# <u>28427</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>MP6289</td></tr><tr><td>Interferent</td><td>MP6290</td></tr><tr><td>0.050</td><td>MP6291</td></tr><tr><td>0.080</td><td>MP6292</td></tr><tr><td>0.200</td><td>MP6293</td></tr></tbody></table>			Simulator	Serial Number	0.000	MP6289	Interferent	MP6290	0.050	MP6291	0.080	MP6292	0.200	MP6293			Attachments ☒ Form 41 ☒ Post-Stability Checks ☒ Stability Checks ☐ Flow Calibration ☒ Calibration Certificate ☐ Form 40 ☒ Calibration Adjustment ☐ Other _____														
Simulator	Serial Number																																		
0.000	MP6289																																		
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Notes/Suggested Service: <u>0.080 Dry Gas Stability Tests values not nominal.</u> <u>Performed Optical Bench Calibration Adjust,</u> <u>post-stability test values nominal. IS</u>				☒ 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																															
Admin Review: Instrument will be returned to agency in FDLE loaner box. IS 06-14-2022				Taylor Gutschow Digitally signed by Taylor Gutschow Date: 2022.06.13 14:55:29 -0400			<u>2022.06.15</u> 09:51:19 -0400																												
				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: 14:19

Date of Inspection: 06/13/2022

Serial Number: 80-003407
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#:202201C Exp: 01/11/2024	0.08g/210L Test (g/210L) Lot#:202201D Exp: 01/18/2024	0.20g/210L Test (g/210L) Lot#:202201E Exp: 01/18/2024	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG113403 Exp: 05/14/2023
0.000	0.049	0.079	0.200	0.080
0.000	0.049	0.079	0.201	0.080
0.000	0.050	0.079	0.201	0.081
0.000	0.050	0.079	0.201	0.080
0.000	0.049	0.079	0.201	0.081
0.000	0.050	0.079	0.201	0.081
0.000	0.050	0.080	0.201	0.081
0.000	0.050	0.079	0.201	0.081
0.000	0.050	0.079	0.202	0.081
0.000	0.050	0.079	0.201	0.081

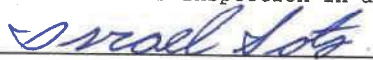
Standard Deviations	0.0004	0.0003	0.0004	0.0004
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0003 Number of Simulators Used: 5

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.



ISRAEL SOTO

Signature and Printed Name

06/13/2022
Date

Type of Test	Serial Number	Agency	Date	Performed By
Stability Checks	80-003407	Florida Highway Patrol	6/13/2022	PN

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
FL HIGHWAY PATROL Intoxilyzer - Alcohol Analyzer Model: 8000 06/13/2022 Software: 8100.27 SN 80-003407 Test g/210L Time Air Blank 0.000 09:18 Control Test 0.049 09:18 Air Blank 0.000 09:19 Control Test 0.049 09:20 Air Blank 0.000 09:20 Control Test 0.050 09:21 Air Blank 0.000 09:21 Control Test Stats Average 0.0493 Std Dev 0.0016 Rel Std Dev(%) 1.1703 Operator's Signature	FL HIGHWAY PATROL Intoxilyzer - Alcohol Analyzer Model: 8000 06/13/2022 Software: 8100.27 SN 80-003407 Test g/210L Time Air Blank 0.000 09:24 Control Test 0.078 09:24 Air Blank 0.000 09:25 Control Test 0.078 09:25 Air Blank 0.000 09:26 Control Test 0.079 09:27 Air Blank 0.000 09:27 Control Test Stats Average 0.0783 Std Dev 0.0006 Rel Std Dev(%) 0.7370 Operator's Signature	FL HIGHWAY PATROL Intoxilyzer - Alcohol Analyzer Model: 8000 06/13/2022 Software: 8100.27 SN 80-003407 Test g/210L Time Air Blank 0.000 09:29 Control Test 0.200 09:30 Air Blank 0.000 09:30 Control Test 0.199 09:31 Air Blank 0.000 09:31 Control Test 0.198 09:32 Air Blank 0.000 09:33 Control Test Stats Average 0.1990 Std Dev 0.0010 Rel Std Dev(%) 0.5025 Operator's Signature	FL HIGHWAY PATROL Intoxilyzer - Alcohol Analyzer Model: 8000 06/13/2022 Software: 8100.27 SN 80-003407 Test g/210L Time Air Blank 0.000 09:37 Control Test 0.074 09:37 Air Blank 0.000 09:38 Control Test 0.074 09:38 Air Blank 0.000 09:39 Control Test 0.075 09:39 Air Blank 0.000 09:39 Control Test Stats Average 0.0743 Std Dev 0.0006 Rel Std Dev(%) 0.7767 Operator's Signature

Comments: N/A



Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
2331 Phillips Road.
Suite B1032
Tallahassee, FL 32308

This is to certify the calibration of Intoxilyzer 8000 serial number 80-003407, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-003407</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>FL HIGHWAY PATROL</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>06/13/2022</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>14:19</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 ($k=3$).

The instrument results before and after any adjustment are found in the associated pre and post stability checks.

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. Simulator temperatures are checked with NIST traceable digital thermometers calibrated by Precision Metrology in accordance with ISO/ IEC 17025 standards.

Dry gas control measurements are traceable to NIST through the use 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.

Israel Soto
Soto
Digitally signed by Israel Soto
Date: 2022.06.13 14:41:42 -04'00'

06/13/2022

Date

ISRAEL SOTO,

Department Inspector

FDLE/ATP Form 69 March 2022

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003407
06/13/2022 10:55:21

Optical Bench Cal. Adj.

✓

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Auto Calibration

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Solution = 0.000 g/210L or 0.0000 mg/l, Samples = 4, Discarded = 1						
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)	
Sample #1	0.0800	(-0.0030)		0.1320	(0.0000)	
Sample #2	0.1120	(0.0120)		0.1260	(0.0060)	
Sample #3	0.0900	(0.0500)		0.1140	(0.0230)	
Sample #4	0.0910	(0.0490)		0.1140	(0.0230)	
Avg % Abs	0.0977	(0.0370)		0.1180	(0.0173)	
STD DEV	0.0124	(0.0217)		0.0069	(0.0098)	
REL STD DEV	12.720	(58.531)		5.871	(56.625)	

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1						
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)	
Sample #1	0.7470	(-0.0070)		1.5040	(0.0130)	
Sample #2	0.7850	(-0.0140)		1.4850	(-0.0110)	
Sample #3	0.7630	(0.0080)		1.5090	(-0.0060)	
Sample #4	0.7690	(0.0070)		1.4960	(0.0120)	
Avg % Abs	0.7723	(0.0003)		1.4967	(-0.0017)	
STD DEV	0.0114	(0.0124)		0.0120	(0.0121)	
REL STD DEV	1.472	(3726.928)		0.803	(725.810)	

Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1						
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)	
Sample #1	1.7350	(0.0030)		3.4620	(-0.0130)	
Sample #2	1.7300	(0.0160)		3.4100	(0.0320)	
Sample #3	1.7470	(0.0220)		3.3910	(0.0490)	
Sample #4	1.7300	(0.0230)		3.4280	(0.0160)	
Avg % Abs	1.7357	(0.0203)		3.4097	(0.0323)	
STD DEV	0.0098	(0.0038)		0.0185	(0.0165)	
REL STD DEV	0.565	(18.619)		0.543	(51.039)	

Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1						
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)	
Sample #1	3.3740	(0.0020)		6.5470	(0.0060)	
Sample #2	3.3670	(0.0170)		6.5020	(0.0320)	
Sample #3	3.3680	(0.0150)		6.5160	(0.0420)	
Sample #4	3.3510	(0.0300)		6.5080	(0.0430)	
Avg % Abs	3.3620	(0.0207)		6.5087	(0.0390)	
STD DEV	0.0095	(0.0081)		0.0070	(0.0061)	
REL STD DEV	0.284	(39.409)		0.108	(15.597)	

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1						
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)	
Sample #1	4.9230	(-0.0070)		9.5340	(0.0000)	
Sample #2	4.9290	(-0.0080)		9.4740	(0.0270)	
Sample #3	4.9060	(0.0050)		9.5040	(0.0300)	
Sample #4	4.9470	(-0.0050)		9.5210	(0.0180)	
Avg % Abs	4.9273	(-0.0027)		9.4997	(0.0250)	
STD DEV	0.0206	(0.0068)		0.0238	(0.0062)	
REL STD DEV	0.417	(255.257)		0.251	(24.980)	

Jd

FL HIGHWAY PATROL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-003407
 06/13/2022 10:55:21

Auto Calibration

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<<<<<      3um      >>>>>
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Zero Order Coef      -285.68
First Order Coef      2853.20
Second Order Coef     20.89
  
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Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	-0.000	0.0001
0.040	0.041	-0.0005
0.100	0.099	0.0007
0.200	0.200	-0.0004
0.300	0.300	0.0001

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<<<<<      9um      >>>>>
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-194.04
1412.38
11.88
  
```

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	-0.001	0.0006
0.040	0.041	-0.0009
0.100	0.100	0.0000
0.200	0.200	0.0005
0.300	0.300	-0.0002

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<<<<<      3um      >>>>>
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Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1
Sample
Sample #1      3133.00      3182.00
Sample #2      3118.00      3172.00
Sample #3      3125.00      3184.00
Sample #4      3142.00      3198.00
Avg            3128.3333      3184.6667
STD DEV        12.3423        13.0128
REL STD DEV     0.395         0.409
H2O adjust (mg/l*10k) 681      625
  
```

Barometric Pressure = 1014

*****CALIBRATION SUCCESSFUL*****

Post stability checks

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003407
06/13/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:36
Control Test	0.049	12:37
Air Blank	0.000	12:37
Control Test	0.049	12:38
Air Blank	0.000	12:39
Control Test	0.049	12:39
Air Blank	0.000	12:40
Control Test Stats		
Average	0.0490	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003407
06/13/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:41
Control Test	0.079	12:41
Air Blank	0.000	12:42
Control Test	0.079	12:43
Air Blank	0.000	12:43
Control Test	0.079	12:44
Air Blank	0.000	12:44
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

wet

Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003407
06/13/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:45
Control Test	0.200	12:46
Air Blank	0.000	12:46
Control Test	0.200	12:47
Air Blank	0.000	12:47
Control Test	0.200	12:48
Air Blank	0.000	12:49
Control Test Stats		
Average	0.2000	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003407
06/13/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:50
Control Test	0.080	12:50
Air Blank	0.000	12:51
Control Test	0.080	12:51
Air Blank	0.000	12:52
Control Test	0.079	12:52
Air Blank	0.000	12:52
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

Dry

Operator's Signature