



Agency **Florida Highway Patrol**

S/N 80-006629

Date In 02-28-2023      DI Completion Date 03-03-2023

☒ Ship    ☐ P/U    ☐ H/D    ☐ CMI    ☐ EE

Intake		By IS		Quality Checks		By IS		Date 03-02-2023		Flow Calibration		By		Date																																										
<input checked="" type="checkbox"/> Annual <input type="checkbox"/> Registration <input type="checkbox"/> Return from CMI / EE  Visual Inspection: <input checked="" type="checkbox"/> Case <input checked="" type="checkbox"/> Handle <input checked="" type="checkbox"/> Keyboard <input checked="" type="checkbox"/> Dry Gas Shelf <input checked="" type="checkbox"/> Feet <input checked="" type="checkbox"/> Breath Tube <input checked="" type="checkbox"/> Ports <input checked="" type="checkbox"/> Screws Tight  Other Equipment/ Accessories: <input type="checkbox"/> Power cord <input type="checkbox"/> Printer Cable <input checked="" type="checkbox"/> Static Bag <input type="checkbox"/> 12V DC Cable  Notes: _____ _____ _____ _____ _____ _____ _____ _____ _____ _____				<input checked="" type="checkbox"/> Breath Tube Screen <input checked="" type="checkbox"/> Replace External O-Rings <input checked="" type="checkbox"/> Instrument Set Up Verified <input checked="" type="checkbox"/> R-Value <u>225</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP-105</u> 32 mm <u>0.156</u> ( .139 - .169) 36 mm <u>0.171</u> ( .156 - .190) 53 mm <u>0.250</u> ( .228 - .278) 103 mm <u>0.531</u> ( .447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>30793</u> <input checked="" type="checkbox"/> Stability Checks				Flow Column # _____ <input type="checkbox"/> 5L/min – 17mm <input type="checkbox"/> 15L/min – 53mm <input type="checkbox"/> 30L/min – 103mm <input type="checkbox"/> R-Value _____ <input type="checkbox"/> 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 rowspan="2">0.050</td> <td rowspan="2">MP6291</td> <td>202201C</td> </tr> <tr> <td>01-11-2024</td> </tr> <tr> <td rowspan="2">0.080</td> <td rowspan="2">MP6292</td> <td>202201D</td> </tr> <tr> <td>01-18-2024</td> </tr> <tr> <td rowspan="2">0.200</td> <td rowspan="2">MP6293</td> <td>202201E</td> </tr> <tr> <td>01-18-2024</td> </tr> <tr> <td rowspan="2">0.080 DGS</td> <td rowspan="2">N/A</td> <td>AG229803</td> </tr> <tr> <td>10-25-2024</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	AG229803	10-25-2024	<table border="1"> <thead> <tr> <th>Maintenance</th> <th>By</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/> Battery Replacement</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Dry Gas Regulator Replacement</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Breath Tube Replacement</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td></td> </tr> <tr> <td>_____</td> <td></td> </tr> <tr> <td>_____</td> <td></td> </tr> <tr> <td>_____</td> <td></td> </tr> <tr> <td>_____</td> <td></td> </tr> </tbody> </table>				Maintenance	By	<input type="checkbox"/> Battery Replacement		<input type="checkbox"/> Dry Gas Regulator Replacement		<input type="checkbox"/> Breath Tube Replacement		<input type="checkbox"/> Other _____		_____		_____		_____		_____	
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Calibration Adjustment				By <u>IS</u>	
Barometric Pressure Gauge <u>1002</u> ID # <u>28427</u>					
Simulator	Serial #	Lot #	Expiration		
0.000	MP6294	N/A	N/A		
0.040	MP6295	21410	09-30-2023		
0.100	MP6296	22310	08-11-2024		
0.200	MP6297	22050	02-07-2024		
0.300	MP6298	22220	06-15-2024		
0.080 DGS	N/A	08121080A1	05-05-2023		
<input checked="" type="checkbox"/> Post Calibration Adjustment Stability Checks					
Simulator	Serial #	Lot #	Expiration		
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	AG229803	10-25-2024		
Notes/Suggested Service: <u>Wet 0.080 g/210L Stability</u> <u>Check values outside nominal range. Optical Bench</u> <u>Calibration Adjustment performed. IS</u>          					

Department Inspection		By <u>IS</u>	
Barometric Pressure ID# <u>30793</u>			
Gauge <u>1004</u>	Instrument <u>1003</u>		
Mouth Alcohol Solution Lot # <u>2022-A</u>			
Acetone Stock Solution Lot # <u>2022-B</u>			
Simulator	Serial Number		
0.000	MP6289		
Interferent	MP6290		
0.050	MP6291		
0.080	MP6292		
0.200	MP6293		
<b>Attachments</b>			
<input checked="" type="checkbox"/> Form 41 <input checked="" type="checkbox"/> Stability Checks <input checked="" type="checkbox"/> Calibration Certificate <input checked="" type="checkbox"/> Calibration Adjustment		<input checked="" type="checkbox"/> Post-Stability Checks <input type="checkbox"/> Flow Calibration <input checked="" type="checkbox"/> Form 40 <input type="checkbox"/> Other _____	
<input checked="" type="checkbox"/> Instrument Complies with Chapter 11D-8, FAC <input type="checkbox"/> Instrument Does Not Comply with Chapter 11D-8, FAC			
<input checked="" type="checkbox"/> Return to/Place into Evidentiary Use <input type="checkbox"/> Remain Out of Evidentiary Use			
<input checked="" type="checkbox"/> Conduct an Agency Inspection Before Evidentiary Use			
Taylor Gutschow <div style="font-size: 0.8em; margin-top: 5px;">             Digitally signed by Taylor Gutschow              Date: 2023.03.03 12:24:23 -05'00'           </div>		Phil Nicodemo <div style="font-size: 0.8em; margin-top: 5px;">             Digitally signed by Phil Nicodemo              Date: 2023.03.07 10:17:25 -05'00'           </div>	
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: 10:52

Date of Inspection: 03/03/2023

Serial Number: 80-006629  
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#:AG229803 Exp: 10/25/2024
0.000	0.048	0.077	0.199	0.079
0.000	0.048	0.077	0.199	0.079
0.000	0.047	0.077	0.199	0.080
0.000	0.048	0.077	0.199	0.079
0.000	0.048	0.077	0.199	0.079
0.000	0.048	0.077	0.199	0.079
0.000	0.048	0.077	0.199	0.079
0.000	0.048	0.078	0.199	0.079
0.000	0.048	0.077	0.199	0.080
0.000	0.048	0.077	0.198	0.079

Standard Deviations	0.0003	0.0003	0.0003	0.0004
---------------------	--------	--------	--------	--------

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*

ISRAEL SOTO

Signature and Printed Name

03/03/2023  
Date

# Stability checks

FL HIGHWAY PATROL  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-006629  
03/02/2023  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:32
Control Test	0.047	13:33
Air Blank	0.000	13:33
Control Test	0.047	13:34
Air Blank	0.000	13:35
Control Test	0.047	13:35
Air Blank	0.000	13:36
Control Test Stats		
Average	0.0470	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

FL HIGHWAY PATROL  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-006629  
03/02/2023  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:37
Control Test	0.076	13:38
Air Blank	0.000	13:38
Control Test	0.077	13:39
Air Blank	0.000	13:39
Control Test	0.076	13:40
Air Blank	0.000	13:41
Control Test Stats		
Average	0.0763	
Std Dev	0.0006	
Rel Std Dev(%)	0.7564	

FL HIGHWAY PATROL  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-006629  
03/02/2023  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:43
Control Test	0.198	13:44
Air Blank	0.000	13:45
Control Test	0.198	13:45
Air Blank	0.000	13:46
Control Test	0.197	13:47
Air Blank	0.000	13:47
Control Test Stats		
Average	0.1977	
Std Dev	0.0006	
Rel Std Dev(%)	0.2921	

wet

Operator's Signature

Operator's Signature

Operator's Signature

FL HIGHWAY PATROL  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-006629  
03/02/2023  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:48
Control Test	0.078	13:49
Air Blank	0.000	13:49
Control Test	0.078	13:49
Air Blank	0.000	13:50
Control Test	0.077	13:50
Air Blank	0.000	13:51
Control Test Stats		
Average	0.0777	
Std Dev	0.0006	
Rel Std Dev(%)	0.7434	

Dry

Operator's Signature



## 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 80-006629, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-006629</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>FL HIGHWAY PATROL</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>03/03/2023</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>10:52</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  $\pm 0.005$  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.

03/03/2023

Date

Israel Soto

Soto

Date: 2023.03.03

11:06:50 -05'00'

ISRAEL SOTO,  
Department Inspector

FDLE/ATP Form 69 March 2022

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

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FL HIGHWAY PATROL  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-006629  
03/03/2023 07:46:30

Optical Bench  
Calibration Adjustment

OK

Auto Calibration

pg 1 of 2

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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	0.0780	(-0.0080)	0.1820	(0.0130)	
Sample #2	0.0830	(0.0350)	0.2080	(0.0020)	
Sample #3	0.0260	(0.0920)	0.1580	(0.0340)	
Sample #4	0.0510	(0.0980)	0.1770	(0.0250)	
Avg % Abs	0.0533	(0.0750)	0.1810	(0.0203)	
STD DEV	0.0286	(0.0348)	0.0252	(0.0165)	
REL STD DEV	53.572	(46.361)	13.944	(81.160)	
-----					
Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	0.7570	(-0.0070)	1.5840	(-0.0140)	
Sample #2	0.7990	(-0.0020)	1.6010	(-0.0180)	
Sample #3	0.7720	(0.0410)	1.5790	(0.0010)	
Sample #4	0.7430	(0.0620)	1.5710	(0.0070)	
Avg % Abs	0.7713	(0.0337)	1.5837	(-0.0033)	
STD DEV	0.0280	(0.0326)	0.0155	(0.0131)	
REL STD DEV	3.631	(96.903)	0.981	(391.535)	
-----					
Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	1.8370	(0.0040)	3.6660	(0.0000)	
Sample #2	1.8220	(0.0350)	3.6550	(0.0080)	
Sample #3	1.8450	(0.0520)	3.6640	(0.0140)	
Sample #4	1.8360	(0.0690)	3.6640	(0.0170)	
Avg % Abs	1.8343	(0.0520)	3.6610	(0.0130)	
STD DEV	0.0116	(0.0170)	0.0052	(0.0046)	
REL STD DEV	0.632	(32.692)	0.142	(35.251)	
-----					
Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	3.5760	(-0.0080)	6.9270	(-0.0130)	
Sample #2	3.5900	(0.0100)	6.9600	(-0.0170)	
Sample #3	3.5620	(0.0380)	6.8870	(0.0290)	
Sample #4	3.5520	(0.0560)	6.9180	(0.0090)	
Avg % Abs	3.5680	(0.0347)	6.9217	(0.0070)	
STD DEV	0.0197	(0.0232)	0.0366	(0.0231)	
REL STD DEV	0.552	(66.867)	0.529	(329.502)	
-----					
Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	5.2790	(-0.0220)	10.0280	(-0.0080)	
Sample #2	5.2110	(0.0380)	9.9820	(0.0310)	
Sample #3	5.2030	(0.0460)	9.9920	(0.0310)	
Sample #4	5.2220	(0.0430)	9.9850	(0.0360)	
Avg % Abs	5.2120	(0.0423)	9.9863	(0.0327)	
STD DEV	0.0095	(0.0040)	0.0051	(0.0029)	
REL STD DEV	0.183	(9.547)	0.051	(8.837)	
-----					

FL HIGHWAY PATROL  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-006629  
03/03/2023 07:46:30

Optical Bench  
Calibration Adjustment  
✓

Auto Calibration

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<<<< 3um >>>>  
-----  
Zero Order Coef -126.79  
First Order Coef 2597.26  
Second Order Coef 31.92  
-----

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	0.0004
0.200	0.200	-0.0005
0.300	0.300	0.0002

<<<< 9um >>>>  
-----  
-226.61  
1311.91  
14.11  
-----

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0002
0.040	0.040	0.0004
0.100	0.100	-0.0001
0.200	0.200	-0.0001
0.300	0.300	0.0001

<<<< 3um >>>> <<<< 9um >>>>  
-----  
Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1  
Sample  
Sample #1 3499.00 3246.00  
Sample #2 3432.00 3242.00  
Sample #3 3493.00 3238.00  
Sample #4 3425.00 3165.00  
Avg 3450.0000 3215.0000  
STD DEV 37.4032 43.3474  
REL STD DEV 1.084 1.348  
H2O adjust (mg/l\*10k) 359 594

Barometric Pressure = 1002

\*\*\*\*\*CALIBRATION SUCCESSFUL\*\*\*\*\*



# Post stability checks

FL HIGHWAY PATROL  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-006629  
03/03/2023  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:43
Control Test	0.048	08:44
Air Blank	0.000	08:44
Control Test	0.048	08:45
Air Blank	0.000	08:45
Control Test	0.048	08:46
Air Blank	0.000	08:47
Control Test Stats		
Average	0.0480	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

FL HIGHWAY PATROL  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-006629  
03/03/2023  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:48
Control Test	0.077	08:49
Air Blank	0.000	08:50
Control Test	0.077	08:50
Air Blank	0.000	08:51
Control Test	0.078	08:52
Air Blank	0.000	08:52
Control Test Stats		
Average	0.0773	
Std Dev	0.0006	
Rel Std Dev(%)	0.7466	

wet

Operator's Signature

FL HIGHWAY PATROL  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-006629  
03/03/2023  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:53
Control Test	0.199	08:54
Air Blank	0.000	08:55
Control Test	0.198	08:55
Air Blank	0.000	08:56
Control Test	0.200	08:57
Air Blank	0.000	08:57
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 SN 80-006629  
03/03/2023  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:00
Control Test	0.080	09:00
Air Blank	0.000	09:01
Control Test	0.079	09:01
Air Blank	0.000	09:01
Control Test	0.078	09:02
Air Blank	0.000	09:02
Control Test Stats		
Average	0.0790	
Std Dev	0.0010	
Rel Std Dev(%)	1.2658	

Dry

Operator's Signature

# Florida Department of Law Enforcement Alcohol Testing Program

## AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: FL HIGHWAY PATROL  
Time of Inspection: 13:30

Date of Inspection: 03/02/2023

Serial Number: 80-006629  
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:

BYPASSED AI TO OPERATE INSTRUMENT

N/A Compliance 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.

Israel Soto

ISRAEL SOTO

Signature and Printed Name

03/02/2023  
Date