



Agency Florida Highway Patrol

S/N 80-001119

Date In 03-07-2023 DI Completion Date 03-08-2023

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake		By <u>IS</u>		Quality Checks		By <u>IS</u>		Date <u>03-07-2023</u>		Flow Calibration		By _____		Date _____																																
<input checked="" type="checkbox"/> Annual <input type="checkbox"/> Registration <input checked="" 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>200</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP-105</u> 32 mm <u>0.152</u> (.139 - .169) 36 mm <u>0.167</u> (.156 - .190) 53 mm <u>0.242</u> (.228 - .278) 103 mm <u>0.496</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>30793</u> <input checked="" type="checkbox"/> Stability Checks		<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	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>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>1015</u> ID # <u>28427</u>				Barometric Pressure ID# <u>30793</u>	
Simulator	Serial #	Lot #	Expiration	Gauge <u>1018</u>	Instrument <u>1016</u>
0.000	MP6294	N/A	N/A	Mouth Alcohol Solution Lot # <u>2022-A</u>	
0.040	MP6295	21410	09-30-2023	Acetone Stock Solution Lot # <u>2022-B</u>	
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 and Dry 0.080 g/210L</u> <u>Stability Check results outside nominal range. Optical</u> <u>Bench Calibration Adjustment performed. IS</u> 					
Department Inspection					
				<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 type="checkbox"/> Form 40 <input type="checkbox"/> Other _____	
Attachments					
<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		Digitally signed by Taylor Gutschow Date: 2023.03.13 09:02:48 -04'00'		Phil Nicodemo	
				Digitally signed by Phil Nicodemo Date: 2023.03.15 14:43:40 -04'00'	
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: 12:12

Date of Inspection: 03/08/2023

Serial Number: 80-001119
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#:202201D Exp: 01/18/2024	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG229803 Exp: 10/25/2024
0.000	0.050	0.080	0.202	0.080
0.000	0.050	0.080	0.202	0.079
0.000	0.050	0.080	0.202	0.079
0.000	0.050	0.080	0.202	0.079
0.000	0.050	0.080	0.202	0.079
0.000	0.050	0.080	0.202	0.079
0.000	0.050	0.080	0.202	0.079
0.000	0.050	0.080	0.201	0.079
0.000	0.050	0.080	0.202	0.079
0.000	0.050	0.081	0.202	0.079


Standard Deviations	0.0000	0.0003	0.0003	0.0003
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0002 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.



Signature and Printed Name

ISRAEL SOTO

03/08/2023
Date

stability checks

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001119
03/07/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:58
Control Test	0.048	13:59
Air Blank	0.000	13:59
Control Test	0.048	14:00
Air Blank	0.000	14:01
Control Test	0.048	14:01
Air Blank	0.000	14:02
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 80-001119
03/07/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:05
Control Test	0.078	14:05
Air Blank	0.000	14:06
Control Test	0.077	14:07
Air Blank	0.000	14:07
Control Test	0.076	14:08
Air Blank	0.000	14:08
Control Test Stats		
Average	0.0770	
Std Dev	0.0010	
Rel Std Dev(%)	1.2987	

Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001119
03/07/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:09
Control Test	0.200	14:10
Air Blank	0.000	14:11
Control Test	0.198	14:11
Air Blank	0.000	14:12
Control Test	0.198	14:13
Air Blank	0.000	14:13
Control Test Stats		
Average	0.1987	
Std Dev	0.0012	
Rel Std Dev(%)	0.5812	

Operator's Signature

wet

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001119
03/07/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:15
Control Test	0.076	14:15
Air Blank	0.000	14:16
Control Test	0.076	14:16
Air Blank	0.000	14:17
Control Test	0.077	14:17
Air Blank	0.000	14:17
Control Test Stats		
Average	0.0763	
Std Dev	0.0006	
Rel Std Dev(%)	0.7564	

Operator's Signature

Dry



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 80-001119, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001119</u>	UNCERTAINTY* \pm	
Owning Agency:	<u>FL HIGHWAY PATROL</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>03/08/2023</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>12:12</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.

03/08/2023

Date

Israel Soto

Digitally signed by Israel

Soto

Date: 2023.03.08 12:44:36

-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 80-001119
03/08/2023 07:31:35

Optical Bench
Calibration Adjustment
✓

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	0.1280	(-0.0220)	0.1320	(-0.0250)
Sample #2	0.1100	(-0.0010)	0.1260	(-0.0070)
Sample #3	0.1460	(0.0000)	0.1290	(0.0000)
Sample #4	0.1290	(-0.0100)	0.1200	(-0.0110)
Avg % Abs	0.1283	(-0.0037)	0.1250	(-0.0060)
STD DEV	0.0180	(0.0055)	0.0046	(0.0056)
REL STD DEV	14.033	(150.206)	3.666	(92.796)

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.8320	(-0.0160)	1.6040	(-0.0100)
Sample #2	0.8520	(-0.0200)	1.5760	(-0.0010)
Sample #3	0.8440	(0.0000)	1.5900	(0.0170)
Sample #4	0.8510	(0.0040)	1.5850	(0.0050)
Avg % Abs	0.8490	(-0.0053)	1.5837	(0.0070)
STD DEV	0.0044	(0.0129)	0.0071	(0.0092)
REL STD DEV	0.513	(241.091)	0.448	(130.931)

Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	1.9670	(-0.0080)	3.7800	(-0.0090)
Sample #2	1.9230	(0.0230)	3.7020	(0.0310)
Sample #3	1.9270	(0.0350)	3.7170	(0.0370)
Sample #4	1.9250	(0.0210)	3.7150	(0.0390)
Avg % Abs	1.9250	(0.0263)	3.7113	(0.0357)
STD DEV	0.0020	(0.0076)	0.0081	(0.0042)
REL STD DEV	0.104	(28.754)	0.219	(11.673)

Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	3.6830	(-0.0170)	7.1850	(-0.0150)
Sample #2	3.6430	(0.0310)	7.1180	(0.0470)
Sample #3	3.6550	(0.0350)	7.1070	(0.0610)
Sample #4	3.6380	(0.0280)	7.0940	(0.0720)
Avg % Abs	3.6453	(0.0313)	7.1063	(0.0600)
STD DEV	0.0087	(0.0035)	0.0120	(0.0125)
REL STD DEV	0.240	(11.208)	0.169	(20.883)

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	5.3750	(-0.0120)	10.3950	(-0.0020)
Sample #2	5.2970	(0.0600)	10.3100	(0.0990)
Sample #3	5.3050	(0.0500)	10.2640	(0.1290)
Sample #4	5.3010	(0.0700)	10.3110	(0.0900)
Avg % Abs	5.3010	(0.0600)	10.2950	(0.1060)
STD DEV	0.0040	(0.0100)	0.0269	(0.0204)
REL STD DEV	0.075	(16.667)	0.261	(19.265)

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001119
03/08/2023 07:31:35

Optical Bench
Calibration Adjustment

✓

Auto Calibration

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<<<< 3um >>>>

Zero Order Coef -324.92
First Order Coef 2582.87
Second Order Coef 32.66

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0001
0.040	0.040	0.0003
0.100	0.100	-0.0001
0.200	0.200	-0.0000
0.300	0.300	0.0000

<<<< 9um >>>>

-153.69
1277.25
12.13

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

<<<< 3um >>>>

Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1
Sample

Sample #1	2928.00	3367.00
Sample #2	2953.00	3416.00
Sample #3	2928.00	3375.00
Sample #4	3011.00	3451.00
Avg	2964.0000	3414.0000
STD DEV	42.5793	38.0395
REL STD DEV	1.437	1.114
H2O adjust (mg/l*10k)	845	395

Barometric Pressure = 1016

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

Post stability checks

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001119
03/08/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:08
Control Test	0.050	09:08
Air Blank	0.000	09:09
Control Test	0.050	09:09
Air Blank	0.000	09:10
Control Test	0.050	09:11
Air Blank	0.000	09:11
Control Test Stats		
Average	0.0500	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	


Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001119
03/08/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:02
Control Test	0.081	09:03
Air Blank	0.000	09:04
Control Test	0.080	09:04
Air Blank	0.000	09:05
Control Test	0.080	09:05
Air Blank	0.000	09:06
Control Test Stats		
Average	0.0803	
Std Dev	0.0006	
Rel Std Dev(%)	0.7187	

wet


Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001119
03/08/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:18
Control Test	0.202	09:18
Air Blank	0.000	09:19
Control Test	0.201	09:20
Air Blank	0.000	09:20
Control Test	0.200	09:21
Air Blank	0.000	09:22
Control Test Stats		
Average	0.2010	
Std Dev	0.0010	
Rel Std Dev(%)	0.4975	


Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001119
03/08/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:23
Control Test	0.079	09:23
Air Blank	0.000	09:23
Control Test	0.080	09:24
Air Blank	0.000	09:24
Control Test	0.079	09:25
Air Blank	0.000	09:25
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

Dry


Operator's Signature