



Agency **Florida Highway Patrol**

S/N 80-006771

Date In 6/6/2023

DI Completion Date

☐ Ship

☐ P/U

☐ H/D

Intake		Quality Checks		Flow Calibration																																		
By PN		By PN		By PN																																		
Date 6/7/2023		Date 6/7/2023		Date 6/7/2023																																		
☐ 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>180</u> ☐ Flow Verification (L/s) Flow Column # <u>ATP 102</u> 32 mm <u>.144</u> (.139 - .169) 36 mm <u>.152*</u> (.156 - .190) 53 mm <u>.230</u> (.228 - .278) 103 mm <u>.503</u> (.447 - .547) ☐ Barometric Pressure Check Gauge ID # <u>30793</u> ☐ Stability Checks		☐ Flow Column # <u>ATP 103</u> ☐ 5L/min – 17mm ☐ 15L/min – 53mm ☐ 30L/min – 103mm ☐ R-Value <u>180</u> ☐ Post Calibration Verification (L/s) Flow Column # <u>ATP 102</u> 32 mm <u>.148</u> (.139 - .169) 36 mm <u>.164</u> (.156 - .190) 53 mm <u>.234</u> (.228 - .278) 103 mm <u>.503</u> (.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>/</td><td></td></tr><tr><td>0.200</td><td>/</td><td></td></tr><tr><td>0.080 DGS</td><td>N/A</td><td></td></tr></tbody></table>		Simulator	Serial #	Lot #/Exp	0.050	MP6291	202201C 01/11/2024	0.080	/		0.200	/		0.080 DGS	N/A		<table border="1"><thead><tr><th>Maintenance</th><th>By</th></tr></thead><tbody><tr><td>☐ Battery Replacement</td><td></td></tr><tr><td>☐ Dry Gas Regulator Replacement</td><td></td></tr><tr><td>☐ Breath Tube Replacement</td><td></td></tr><tr><td>☐ 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	☐ Battery Replacement		☐ Dry Gas Regulator Replacement		☐ Breath Tube Replacement		☐ Other _____		_____		_____		_____		_____	
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Calibration Adjustment				By _____	
Barometric Pressure Gauge _____			ID # _____		
Simulator	Serial #	Lot #	Expiration		
0.000		N/A	N/A		
0.040					
0.100					
0.200					
0.300					
0.080 DGS	N/A				
☐ Post Calibration Adjustment Stability Checks					
Simulator	Serial #	Lot #	Expiration		
0.050					
0.080					
0.200					
0.080 DGS	N/A				
Notes/Suggested Service: _____ Instrument did not pass 0.05 g/210L stability check and resulted in several exception messages. (See Stability Check). Instrument sent to repair. PN. _____ _____ _____ _____					

Department Inspection		By _____	
Barometric Pressure ID# _____			
Gauge _____		Instrument _____	
Mouth Alcohol Solution Lot # _____			
Acetone Stock Solution Lot # _____			
Simulator	Serial Number		
0.000			
Interferent			
0.050			
0.080			
0.200			
Attachments			
☐ Form 41 ☒ Stability Checks ☐ Calibration Certificate ☐ Calibration Adjustment		☐ Post-Stability Checks ☒ Flow Calibration ☒ Form 40 ☒ Other <u>Form 51</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			
Tech Review / Date _____		Admin Review / Date _____	

Florida Department of Law Enforcement Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: FL HIGHWAY PATROL
Time of Inspection: 14:20

Date of Inspection: 06/07/2023

Serial Number: 80-006771
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.COMPLIANCE NOT DETERMINED

Compliance NOT DETERMINED 6/7/2023

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.

PHIL NICODEMO

Signature and Printed Name

06/07/2023
Date

Flow calibration Adjustment + STABILITY CHECK

FLOW CALIBRATION

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000
06/07/2023
Software: 8100.27

Flow Rate Calibration*****

1: Rate (Liters/min) = 5

SORT(Diff) = 7.141

2: Rate (Liters/min) = 15

SORT(Diff) = 11.914

3: Rate (Liters/min) = 30

SORT(Diff) = 20.973

Dependent Data Scale Factor = 100000 L/min

Independent Data Scale Factor = 256

Rounded Slope = 698

Rounded Intercept = -718350

Correlation = 0.99808

STABILITY CHECK

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000
06/07/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:47
Control Test	INT*	14:48
Air Blank	PUR**	14:49
Air Blank	AMB***	14:49

*Interferent Detect

**Purge Fail

***Ambient Fail

06:15 05/11/2023

Operator's signature

Intoxilyzer 8000

Instrument Initialization

08:17 05/15/2023

Return Material Authorization

Ship to: ☒ CMI, Inc.

☐ Enforcement Electronics

Shipment to repair facility authorized by: Joe Farley on 6/22/2023

Items Returned: Instrument ☒ Supplies ☐ Other ☐ Describe: 180

Instrument Model: Intoxilyzer 8000 Serial Number: 80-006771

Bill To Address:

FHP

Ship to Address:

FDLE Off-Site Mail Facility

Alcohol Testing Program

813 B Lake Bradford Road

Tallahassee, FL 32304

Reason for Return:

Instrument did not pass 0.05 g/210L stability check and resulted in several exception .
messages (Purge Fail, Ambient Fail, Int. Detect).

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: Joe Farley

Phone #: 850-672-8222

Email: JosephFarley@flhsmv.gov

ATP Contact Name: Phil Nicodemo

ATP Email: PhilipNicodemo@fdle.state.fl.us



Agency FL Highway Patrol

S/N 80-006771

Date In 11-17-2023 DI Completion Date 12/22/2023

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

FDLE/ATP Form 48 January 2022
Issuing Authority: Alcohol Testing Program

Page 1 of 1

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FL HIGHWAY PATROL
Time of Inspection: 10:31

Date of Inspection: 12/22/2023

Serial Number: 80-006771
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#:202303K Exp: 03/29/2025	0.08g/210L Test (g/210L) Lot#:202303L Exp: 03/29/2025	0.20g/210L Test (g/210L) Lot#:202304C Exp: 04/05/2025	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG325603 Exp: 09/13/2025
0.000	0.050	0.079	0.198	0.079
0.000	0.050	0.079	0.198	0.079
0.000	0.050	0.079	0.198	0.079
0.000	0.050	0.079	0.198	0.079
0.000	0.050	0.079	0.199	0.079
0.000	0.050	0.079	0.199	0.079
0.000	0.050	0.079	0.199	0.079
0.000	0.050	0.079	0.198	0.079
0.000	0.050	0.080	0.198	0.078
0.000	0.050	0.079	0.198	0.079

Standard Deviations	0.0000	0.0003	0.0004	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.



BENJAMIN W SIDDOWAY
Signature and Printed Name

12/22/2023
Date

Stability checks 80-006771 12-21-2023

INTOXILYZER 8000
Instrument Initialization
11:28 12/21/2023

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000
12/21/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:20
Control Test	0.080	13:20
Air Blank	0.000	13:21
Control Test	0.079	13:22
Air Blank	0.000	13:22
Control Test	0.080	13:23
Air Blank	0.000	13:23
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

W

Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000
12/21/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:28
Control Test	0.199	13:29
Air Blank	0.000	13:30
Control Test	0.198	13:30
Air Blank	0.000	13:31
Control Test	0.199	13:32
Air Blank	0.000	13:32
Control Test Stats		
Average	0.1987	
Std Dev	0.0006	
Rel Std Dev(%)	0.2906	

Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000
12/21/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:33
Control Test	0.080	13:33
Air Blank	0.000	13:34
Control Test	0.080	13:34
Air Blank	0.000	13:35
Control Test	0.079	13:35
Air Blank	0.000	13:36
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

OGS

Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000
12/21/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:13
Control Test	0.050	13:14
Air Blank	0.000	13:14
Control Test	0.050	13:15
Air Blank	0.000	13:15
Control Test	0.050	13:16
Air Blank	0.000	13:16
Control Test Stats		
Average	0.0500	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

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 80-006771 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-006771</u>	UNCERTAINTY* $\pm$
Owning Agency:	<u>FL HIGHWAY PATROL</u>	0.050 g/ 210 L 0.004
Calibration Date:	<u>12/22/2023</u>	0.080 g/ 210 L 0.004
Calibration Time:	<u>10:31</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.

Benjamin
Siddoway
Digitally signed by
Benjamin Siddoway
Date: 2023.12.22 15:06:12
-05'00'

Date
12/22/2023
BENJAMIN W SIDDOWAY,
Department Inspector

FDLE/ATP Form 69 March 2022
Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality