



INSTRUMENT PROCESSING SHEET

Agency FL Highway PatrolS/N 80-007443Florida Department of
Law EnforcementDate In 06/24/2024 DI Completion Date 6/26/24☐ Ship ☒ P/U ☐ H/D ☐ CMI ☐ EE

Intake By <u>ALL</u> Date <u>06/25/2024</u>		Quality Checks By <u>ALL</u> Date <u>06/25/2024</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>dropoff</u>		☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>201</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP-103</u> 32 mm <u>.152</u> (.139 - .169) 36 mm <u>.167</u> (.156 - .190) 53 mm <u>.230</u> (.228 - .278) 103 mm <u>.492</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>28662</u> ☒ Stability Checks <table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th>Simulator</th><th>Serial #</th><th>Lot #/Exp</th></tr></thead><tbody><tr><td>0.050</td><td>MP6291</td><td>202303K 03/29/2025</td></tr><tr><td>0.080</td><td>MP6292</td><td>202303L 03/29/2025</td></tr><tr><td>0.200</td><td>MP6293</td><td>202304C 04/05/2025</td></tr><tr><td>0.080 DGS</td><td>N/A</td><td>AG310901 04/19/2025</td></tr></tbody></table>		Simulator	Serial #	Lot #/Exp	0.050	MP6291	202303K 03/29/2025	0.080	MP6292	202303L 03/29/2025	0.200	MP6293	202304C 04/05/2025	0.080 DGS	N/A	AG310901 04/19/2025	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) Maintenance By _____ Date _____ ☐ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☐ Other _____																								
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				0.050	MP6291	202303K 03/29/2025																																					
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Calibration Adjustment By <u>SP</u>		Department Inspection By <u>SP</u>																																									
Barometric Pressure Gauge <u>1010</u> ID # <u>28421</u>		Barometric Pressure ID# <u>28662</u> Gauge <u>1010</u> Instrument <u>1010</u> Mouth Alcohol Solution Lot # <u>2024-A</u> Acetone Stock Solution Lot # <u>2023-B</u>																																									
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Notes/Suggested Service: <u>Printer error on first .050 stability ensured feed was properly aligned and repeated stability, results nominal 06/25/2024 ALL</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																																									
		Taylor Gutschow Digitally signed by Taylor Gutschow Date: 2024.06.27 13:42:24 -0400 Phil Nicodemo Digitally signed by Phil Nicodemo Date: 2024.06.27 13:42:29 -0400 Tech Review / Date _____ Admin Review / Date _____																																									

Stability checks

80-007443

06/25/24

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007443
06/25/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:14
Control Test	0.050	11:14
Air Blank	0.000	11:15
Control Test	0.050	11:16
Air Blank	0.000	11:16
Control Test	0.049	11:17
Air Blank	0.000	11:17
Control Test Stats		
Average	0.0497	
Std Dev	0.0006	
Rel Std Dev(%)	1.1625	

Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007443
06/25/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:21
Control Test	0.079	11:22
Air Blank	0.000	11:23
Control Test	0.080	11:23
Air Blank	0.000	11:24
Control Test	0.079	11:24
Air Blank	0.000	11:25
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

Wet

Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007443
06/25/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:28
Control Test	0.199	11:29
Air Blank	0.000	11:29
Control Test	0.200	11:30
Air Blank	0.000	11:30
Control Test	0.199	11:31
Air Blank	0.000	11:32
Control Test Stats		
Average	0.1993	
Std Dev	0.0006	
Rel Std Dev(%)	0.2836	

Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007443
06/25/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:33
Control Test	0.083	11:34
Air Blank	0.000	11:34
Control Test	0.081	11:35
Air Blank	0.000	11:35
Control Test	0.082	11:35
Air Blank	0.000	11:36
Control Test Stats		
Average	0.0820	
Std Dev	0.0010	
Rel Std Dev(%)	1.2195	

065

Operator's Signature

FL HIGHWAY PATROL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-007443
 06/25/2024 INTOXILYZER 8000
 Software: 8100.27
 Instrument Initialization
 Test 15:10 06/14/2024
 9/210L Time

Air Blank	0.000	11:08
Control Test	0.050	11:08
Air Blank	0.000	11:09
Control Test	0.050	11:10
Air Blank	0.000	11:10
Control Test	0.049	11:11
Air Blank	0.000	11:11
Control Test	0.049	11:11
Average	0.0497	
Std Dev	0.0006	
Rel Std Dev(%)	1.1625	

INTOXILYZER 8000
 Instrument Initialization
 21:02 06/15/2024

Operator's Signature

Initial .050 stability
 check, printer error

06/25/24

AZ

FL HIGHWAY PNTROL

Intoxilizer - Alcotest Analyzer
Model 8000
06/26/2024

SN 80-007443
08:12:01

Auto Calibration

Max Power Res Value = 76
Auto Range Res Value = 53

Sol Value = 0.000 g/210L ***
Fit value = 0.000 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12589, Sum Io = 13065
<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.1180 (-0.0070)
Sample #2 = 0.0900 (-0.0050)
Sample #3 = 0.1380 (-0.0060)
Sample #4 = 0.0910 (-0.0200)
Avg % Abs = 0.1063 (-0.0063)
STD DEV = 0.0274 (0.0131)
REL STD DEV = 25.795 (206.071)

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.1050 (-0.0060)
Sample #2 = 0.0910 (-0.0000)
Sample #3 = 0.1060 (-0.0150)
Sample #4 = 0.0850 (-0.0070)
Avg % Abs = 0.0940 (-0.0073)
STD DEV = 0.0108 (0.0075)
REL STD DEV = 11.507 (102.348)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12586, Sum Io = 13065
<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.8410 (-0.0070)
Sample #2 = 0.8110 (-0.0230)
Sample #3 = 0.7910 (-0.0240)
Sample #4 = 0.8420 (-0.0160)
Avg % Abs = 0.8147 (-0.0210)
STD DEV = 0.0257 (0.0044)
REL STD DEV = 3.154 (20.757)

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.4060 (-0.0130)
Sample #2 = 1.3870 (-0.0131)
Sample #3 = 1.3680 (-0.0091)
Sample #4 = 1.4080 (-0.0000)
Avg % Abs = 1.3877 (0.0073)
STD DEV = 0.0200 (0.0067)
REL STD DEV = 1.442 (90.795)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12580, Sum Io = 13063
<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.8680 (-0.0060)
Sample #2 = 1.8660 (-0.0020)
Sample #3 = 1.8370 (-0.0070)
Sample #4 = 1.8900 (-0.0070)
Avg % Abs = 1.8643 (-0.0007)
STD DEV = 0.0265 (0.0071)
REL STD DEV = 1.424 (1064.190)

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.2910 (-0.0030)
Sample #2 = 3.2780 (-0.0000)
Sample #3 = 3.2760 (-0.0050)
Sample #4 = 3.3030 (-0.0040)
Avg % Abs = 3.2857 (0.0003)
STD DEV = 0.0150 (0.0045)
REL STD DEV = 0.458 (1352.775)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12578, Sum Io = 13062
<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.5550 (-0.0100)
Sample #2 = 3.5550 (-0.0000)
Sample #3 = 3.5420 (-0.0000)
Sample #4 = 3.5220 (-0.0230)
Avg % Abs = 3.5397 (0.0077)
STD DEV = 0.0166 (0.0133)
REL STD DEV = 0.470 (173.205)

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 6.2850 (-0.0080)
Sample #2 = 6.2650 (0.0220)
Sample #3 = 6.2590 (0.0180)
Sample #4 = 6.2590 (0.0260)
Avg % Abs = 6.2610 (0.0220)
STD DEV = 0.0035 (0.0040)
REL STD DEV = 0.055 (18.182)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12571, Sum Io = 13059
<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 5.1650 (-0.0110)
Sample #2 = 5.1980 (-0.0200)
Sample #3 = 5.2020 (-0.0190)
Sample #4 = 5.1810 (0.0070)
Avg % Abs = 5.1937 (-0.0117)
STD DEV = 0.0112 (0.0153)
REL STD DEV = 0.215 (143.512)

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 9.1400 (0.0030)
Sample #2 = 9.1540 (0.0090)
Sample #3 = 9.1580 (0.0000)
Sample #4 = 9.1400 (0.0330)
Avg % Abs = 9.1507 (0.0141)
STD DEV = 0.0095 (0.0171)
REL STD DEV = 0.103 (121.848)

***** AUTO CAL DATA *****
<<<<< CHANNEL 1 >>>>>
Sol Val = 0.0000 mg/l or 1.000 g/210L
% Abs = 0.106
Std Dev = 0.03 Rel Std Dev = 25.80
Sol Val = 0.1905 mg/l or 1.040 g/210L
% Abs = 0.815
Std Dev = 0.03 Rel Std Dev = 3.15
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.864
Std Dev = 0.03 Rel Std Dev = 1.42
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.540
Std Dev = 0.02 Rel Std Dev = 0.47
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.194
Std Dev = 0.01 Rel Std Dev = 0.21
Zero Order Coef = -292.35
First Order Coef = 2676.35
Second Order Coef = 25.47
Standard Deviation = 17.791878

<<<<< CHANNEL 2 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.094
Std Dev = 0.01 Rel Std Dev = 11.51
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.388
Std Dev = 0.02 Rel Std Dev = 1.44
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.286
Std Dev = 0.02 Rel Std Dev = 0.46
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.261
Std Dev = 0.00 Rel Std Dev = 0.06
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.151
Std Dev = 0.01 Rel Std Dev = 0.10
Zero Order Coef = -144.47
First Order Coef = 1457.89
Second Order Coef = 13.11
Standard Deviation = 19.134493

Solution Stats Quadratic Fit Chan 1
Act Fit Residual
g/210L g/210L g/210L
0.000 -0.000 0.0002
0.040 0.040 0.0000
0.100 0.100 -0.0005
0.200 0.199 0.0005
0.300 0.300 -0.0002

Solution Stats Quadratic Fit Chan 2
Act Fit Residual
g/210L g/210L g/210L
0.000 -0.000 0.0002
0.040 0.040 0.0000
0.100 0.101 -0.0005
0.200 0.199 0.0006
0.300 0.300 -0.0002

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1 *****
Sample #1 = 3156.00
Sample #2 = 3141.00
Sample #3 = 3207.00
Sample #4 = 3147.00
Average Result = 3165.0000
STD DEV = 36.4966
REL STD DEV = 1.153
***** CHANNEL 2 *****
Sample #1 = 3464.00
Sample #2 = 3432.00
Sample #3 = 3449.00
Sample #4 = 3434.00
Average Result = 3438.3333
STD DEV = 9.2916
REL STD DEV = 0.270

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1011
3 um H2O Adjust (mg/l x 10,000) = 644
9 um H2O Adjust (mg/l x 10,000) = 371
***** AUTO CAL PASS *****

CAL ADJUSTMENT SP

Post Cal Stability Checks

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000
06/26/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:20
Control Test	0.050	09:20
Air Blank	0.000	09:21
Control Test	0.050	09:21
Air Blank	0.000	09:22
Control Test	0.050	09:23
Air Blank	0.000	09:23
Control Test Stats		
Average	0.0500	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP

Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000
06/26/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:25
Control Test	0.079	09:26
Air Blank	0.000	09:26
Control Test	0.079	09:27
Air Blank	0.000	09:27
Control Test	0.079	09:28
Air Blank	0.000	09:29
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP

Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000
06/26/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:31
Control Test	0.198	09:32
Air Blank	0.000	09:32
Control Test	0.199	09:33
Air Blank	0.000	09:33
Control Test	0.198	09:34
Air Blank	0.000	09:35
Control Test Stats		
Average	0.1983	
Std Dev	0.0006	
Rel Std Dev(%)	0.2911	

SP

Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000
06/26/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:36
Control Test	0.079	09:37
Air Blank	0.000	09:37
Control Test	0.079	09:38
Air Blank	0.000	09:38
Control Test	0.079	09:38
Air Blank	0.000	09:39
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS

SP

Operator's Signature

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FL HIGHWAY PATROL
Time of Inspection: 12:00

Date of Inspection: 06/26/2024

Serial Number: 80-007443
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	

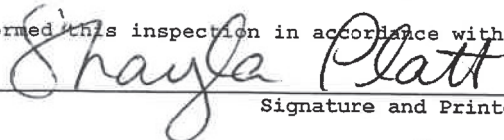
Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#:202303K Exp: 03/29/2025	0.08g/210L Test (g/210L) Lot#:202303L Exp: 03/29/2025	0.20g/210L Test (g/210L) Lot#:202304C Exp: 04/05/2025	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG310901 Exp: 04/19/2025
0.000	0.050	0.079	0.197	0.080
0.000	0.050	0.079	0.197	0.079
0.000	0.049	0.079	0.198	0.079
0.000	0.050	0.079	0.198	0.078
0.000	0.049	0.079	0.197	0.079
0.000	0.050	0.079	0.198	0.079
0.000	0.050	0.079	0.198	0.078
0.000	0.050	0.079	0.198	0.078
0.000	0.050	0.079	0.197	0.079
0.000	0.049	0.079	0.198	0.079
Standard Deviations	0.0004	0.0000	0.0005	0.0006

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.



SHAYLA D PLATT

Signature and Printed Name

06/26/2024
Date



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 80-007443, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-007443</u>	UNCERTAINTY* $\pm$
Owning Agency:	<u>FL HIGHWAY PATROL</u>	0.050 g/ 210 L 0.004
Calibration Date:	<u>06/26/2024</u>	0.080 g/ 210 L 0.004
Calibration Time:	<u>12:00</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.

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Digitally signed by
Shayla Platt
Date: 2024.06.27
13:09:54 -04'00'

06/26/2024

Date

SHAYLA D PLATT,
Department Inspector

FDLE/ATP Form 69 March 2022

Issuing Authority: Alcohol Testing Program

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