



INSTRUMENT PROCESSING SHEET

Agency Florida Highway PatrolS/N 80-006626Florida Department of
Law EnforcementDate In 12/04/2023 DI Completion Date 12/19/2023☐ Ship ☒ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By TDG	Quality Checks	By TDG	Date <u>12/05/2023</u>	Flow Calibration	By TDG	Date <u>12/05/2023</u>																																								
<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 type="checkbox"/> Static Bag <input type="checkbox"/> 12V DC Cable Notes: <u>Hand-delivered</u>		<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>211</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP106</u> 32 mm <u>0.136*</u> (.139 - .169) 36 mm <u>0.152*</u> (.156 - .190) 53 mm <u>0.234</u> (.228 - .278) 103 mm <u>0.492</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>26932</u> <input checked="" type="checkbox"/> Stability Checks			Flow Column # <u>ATP101</u> <input checked="" type="checkbox"/> 5L/min - 17mm <input checked="" type="checkbox"/> 15L/min - 53mm <input checked="" type="checkbox"/> 30L/min - 103mm <input checked="" type="checkbox"/> R-Value <u>206</u> <input checked="" type="checkbox"/> Post Calibration Verification (L/s) Flow Column # <u>ATP106</u> 32 mm <u>0.144</u> (.139 - .169) 36 mm <u>0.164</u> (.156 - .190) 53 mm <u>0.230</u> (.228 - .278) 103 mm <u>0.503</u> (.447 - .547)																																										
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Barometric Pressure Gauge <u>1014</u> ID # <u>28199</u>					Barometric Pressure ID# <u>26932</u> Gauge <u>1022</u> Instrument <u>1022</u> Mouth Alcohol Solution Lot # <u>2023-A</u> Acetone Stock Solution Lot # <u>2022-B</u>																																										
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Notes/Suggested Service: <u>*Flow values outside nominal range. (TDG)</u>					<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																																										
					Israel Soto <small>Digitally signed by Israel Soto Date: 2023.12.20 07:34:41 +05'00'</small> Phil Nicodemo <small>Digitally signed by Phil Nicodemo Date: 2023.12.20 14:41:02 -05'00'</small>																																										
					Tech Review / Date Admin Review / Date																																										

Flow Cal Adjust

ML

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006626
12/05/2023
Software: 8100.27

Flow Rate Calibration*****

1: Rate (Liters/min) = 5

SQRT(Diff) = 7.211

2: Rate (Liters/min) = 15

SQRT(Diff) = 12.121

3: Rate (Liters/min) = 30

SQRT(Diff) = 20.809

Dependent Data Scale Factor = 100000 L/min

Independent Data Scale Factor = 256

Rounded Slope = 713

Rounded Intercept = -776077

Correlation = 0.99903

Stability Checks

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
<p>✓</p> <p>FL HIGHWAY PATROL Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-006626 12/05/2023 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 12:24 Control Test 0.049 12:25 Air Blank 0.000 12:26 Control Test 0.049 12:26 Air Blank 0.000 12:27 Control Test 0.049 12:28 Air Blank 0.000 12:28</p> <p>Control Test Stats Average 0.0490 Std Dev 0.0000 Rel Std Dev(%) 0.0000</p> <p>Operator's Signature _____</p>	<p>FL HIGHWAY PATROL Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-006626 12/05/2023 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 12:31 Control Test 0.078 12:32 Air Blank 0.000 12:32 Control Test 0.079 12:33 Air Blank 0.000 12:33 Control Test 0.078 12:34 Air Blank 0.000 12:35</p> <p>Control Test Stats Average 0.0783 Std Dev 0.0006 Rel Std Dev(%) 0.7370</p> <p>Operator's Signature _____</p>	<p>FL HIGHWAY PATROL Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-006626 12/05/2023 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 12:38 Control Test 0.196 12:39 Air Blank 0.000 12:40 Control Test 0.196 12:40 Air Blank 0.000 12:41 Control Test 0.196 12:41 Air Blank 0.000 12:42</p> <p>Control Test Stats Average 0.1960 Std Dev 0.0000 Rel Std Dev(%) 0.0000</p> <p>Operator's Signature _____</p>	<p>065</p> <p>FL HIGHWAY PATROL Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-006626 12/05/2023 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 12:05 Control Test 0.082 12:05 Air Blank 0.000 12:05 Control Test 0.082 12:06 Air Blank 0.000 12:06 Control Test 0.082 12:07 Air Blank 0.000 12:07</p> <p>Control Test Stats Average 0.0820 Std Dev 0.0000 Rel Std Dev(%) 0.0000</p> <p>Operator's Signature _____</p>

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.4950 (0.0060)
Sample #2 = 1.5280 (0.0020)
Sample #3 = 1.4920 (0.0200)
Sample #4 = 1.5180 (0.0040)
Avg % Abs = 1.5127 (0.0087)
STD DEV = 0.0186 (0.0099)
REL STD DEV = 1.229 (113.836)

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000
12/18/2023
SN 80-006626
13:03:06

Auto Calibration
Max Power Res Value = 108
Auto Range Res Value = 77

Sol Value = 0.000 g/210L ***
Fit Value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12480, Sum Io = 12671
<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.8140 (-0.0200)
Sample #2 = 1.7490 (0.0210)
Sample #3 = 1.7470 (0.0310)
Sample #4 = 1.7440 (0.0340)
Avg % Abs = 1.7467 (0.0287)
STD DEV = 0.0025 (0.0068)
REL STD DEV = 0.144 (23.745)

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.4660 (0.0000)
Sample #2 = 3.4540 (0.0120)
Sample #3 = 3.4460 (0.0200)
Sample #4 = 3.4640 (0.0080)
Avg % Abs = 3.4547 (0.0133)
STD DEV = 0.0090 (0.0061)
REL STD DEV = 0.261 (45.826)

Sol Value = 0.200 g/210L ***
Fit Value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12474, Sum Io = 12657
<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.4550 (0.0000)
Sample #2 = 3.4980 (-0.0110)
Sample #3 = 3.4690 (0.0060)
Sample #4 = 3.4950 (0.0080)
Avg % Abs = 3.4940 (0.0010)
STD DEV = 0.0046 (0.0104)
REL STD DEV = 0.131 (10.44.031)

Sol Value = 0.040 g/210L ***
Fit Value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12485, Sum Io = 12673
<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.7360 (-0.0160)
Sample #2 = 0.7720 (-0.0200)
Sample #3 = 0.7170 (0.0190)
Sample #4 = 0.7340 (0.0020)
Avg % Abs = 0.7410 (0.0003)
STD DEV = 0.0282 (0.0196)
REL STD DEV = 3.800 (5866.002)

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 6.6030 (0.0040)
Sample #2 = 6.6200 (0.0110)
Sample #3 = 6.6180 (-0.0010)
Sample #4 = 6.6120 (0.0050)
Avg % Abs = 6.6167 (0.0050)
STD DEV = 0.0042 (0.0060)
REL STD DEV = 0.063 (120.000)
Sol Value = 0.300 g/210L ***
Fit Value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12468, Sum Io = 12665
<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 5.1060 (0.0030)
Sample #2 = 5.1490 (-0.0060)
Sample #3 = 5.1290 (0.0200)
Sample #4 = 5.1020 (0.0230)
Avg % Abs = 5.1267 (0.0123)
STD DEV = 0.0236 (0.0159)
REL STD DEV = 0.460 (129.307)

<<<< CHANNEL 2 >>>>
Sol Ual = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.148
Std Dev = 0.01 Rel Std Dev = 8.43
Sol Ual = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.513
Std Dev = 0.02 Rel Std Dev = 1.23
Sol Ual = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.455
Std Dev = 0.01 Rel Std Dev = 0.26
Sol Ual = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.617
Std Dev = 0.00 Rel Std Dev = 0.06
Sol Ual = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.595
Std Dev = 0.01 Rel Std Dev = 0.05
Zero Order Coef = -210.69
First Order Coef = 1390.05
Second Order Coef = 12.55
Standard Deviation = 14.743726

***** AUTO CAL DATA *****

<<<< CHANNEL 1 >>>>
Sol Ual = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.032
Std Dev = 0.01 Rel Std Dev = 39.77
Sol Ual = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.741
Std Dev = 0.03 Rel Std Dev = 3.80
Sol Ual = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.747
Std Dev = 0.00 Rel Std Dev = 0.14
Sol Ual = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.494
Std Dev = 0.00 Rel Std Dev = 0.13
Sol Ual = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.127
Std Dev = 0.02 Rel Std Dev = 0.46
Zero Order Coef = -79.88
First Order Coef = 2696.37
Second Order Coef = 19.86
Standard Deviation = 49.383320

<<<< CHANNEL 2 >>>>
Sol Ual = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.148
Std Dev = 0.01 Rel Std Dev = 8.43
Sol Ual = 0.1905 mg/l or 0.040 g/210L
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Solution Stats Quadratic Fit Chan 2
Act Fit Residual
g/210L g/210L g/210L
0.000 -0.000 0.0001
0.040 0.040 -0.0003
0.100 0.100 0.0004
0.200 0.200 -0.0003
0.300 0.300 0.0001

Sol Value = 0.080 g/210L ***
Fit Value = 0.3810 mg/l %%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1 *****
Sample #1 = 3533.00
Sample #2 = 3541.00
Sample #3 = 3549.00
Sample #4 = 3541.00
Average Result = 3543.6667
STD DEV = 4.6188
REL STD DEV = 0.130
***** CHANNEL 2 *****
Sample #1 = 3365.00
Sample #2 = 3368.00
Sample #3 = 3361.00
Sample #4 = 3350.00
Average Result = 3359.6667
STD DEV = 9.0738
REL STD DEV = 0.270
***** CHANNEL 1 *****
Dry Gas H2O Adjust Results *****
Barometric Pressure = 1014
3 um H2O Adjust (mg/l*10,000) = 266
9 um H2O Adjust (mg/l*10,000) = 450
***** AUTO CAL PASS *****

Optical Calibration Adjustment

By: TDG

Post-Cal Stability Checks

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L																																																																																																																																				
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Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FL HIGHWAY PATROL
Time of Inspection: 11:24

Date of Inspection: 12/19/2023

Serial Number: 80-006626
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#:01923080A3 Exp: 02/05/2025
0.000	0.050	0.079	0.198	0.081
0.000	0.050	0.079	0.198	0.081
0.000	0.050	0.079	0.199	0.080
0.000	0.050	0.079	0.198	0.081
0.000	0.050	0.079	0.198	0.081
0.000	0.050	0.079	0.198	0.081
0.000	0.050	0.079	0.199	0.081
0.000	0.051	0.079	0.198	0.080
0.000	0.050	0.079	0.199	0.081
0.000	0.050	0.079	0.199	0.080


Standard Deviations	0.0003	0.0000	0.0005	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.



TAYLOR D GUTSCHOW

Signature and Printed Name

12/19/2023
Date



Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
4700 Terminal Drive, Suite 1
Ft. Myers, FL 33907

This is to certify the calibration of Intoxilyzer 8000 serial number 80-006626, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-006626</u>	UNCERTAINTY* \pm
Owning Agency:	<u>FL HIGHWAY PATROL</u>	0.050 g/ 210 L 0.004
Calibration Date:	<u>12/19/2023</u>	0.080 g/ 210 L 0.004
Calibration Time:	<u>11:24</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.

12/19/2023

Date



TAYLOR D GUTSCHOW,

Department Inspector

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality