



INSTRUMENT PROCESSING SHEET

Agency Fort Lauderdale PDS/N 80-007007Florida Department of
Law EnforcementDate In 11/28/2023 DI Completion Date 12/19/2023☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By TDG	Quality Checks	By TDG	Date <u>12/01/2023</u>	Flow Calibration	By TDG	Date <u>12/01/2023</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 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: <u>Missing keyboard</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>137</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP104</u> 32 mm <u>0.132*</u> (.139 - .169) 36 mm <u>0.152*</u> (.156 - .190) 53 mm <u>0.222*</u> (.228 - .278) 103 mm <u>0.503</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>138</u> <input checked="" type="checkbox"/> Post Calibration Verification (L/s) Flow Column # <u>ATP104</u> 32 mm <u>0.144</u> (.139 - .169) 36 mm <u>0.160</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>Checked breath tube screen and replaced o-rings on 11/29. Replaced battery and verified setup on 11/30. Finished Quality Checks on 12/1. Used FDLE keyboard. (TDG)</u>		Israel Soto Digitally signed by Israel Soto Date: 2023.12.20 07:37:16 -05'00'																																													
*Flow values below nominal. (TDG)		Phil Nicodemo Digitally signed by Phil Nicodemo Date: 2023.12.20 14:41:51 -05'00'																																													
		Tech Review / Date Admin Review / Date																																													

Florida Department of Law Enforcement Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: FORT LAUDERDALE PD
Time of Inspection: 11:52

Date of Inspection: 12/01/2023

Serial Number: 80-007007
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:

AI NOT CONDUCTED. BYPASSED TO BRING OUT OF DISABLED MODE.

Not determined *ML*
12/01/2023

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.

Taylor D Gutschow

TAYLOR D GUTSCHOW

Signature and Printed Name

12/01/2023
Date

Flow Cal Adjust
MG

FORT LAUDERDALE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007007
12/01/2023
Software: 8100.27

Flow Rate Calibration*****

1: Rate (Liters/min) = 5

SQRT(Diff) = 6.707

2: Rate (Liters/min) = 15

SQRT(Diff) = 11.617

3: Rate (Liters/min) = 30

SQRT(Diff) = 21.000

Dependent Data Scale Factor = 100000 L/min





Independent Data Scale Factor = 256

Rounded Slope = 675

Rounded Intercept = -599928

Correlation = 0.99797

Stability Checks

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L																																																																																																																																																
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***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 1.4740 (-0.0040)
Sample #2 = 1.4880 (-0.0040)
Sample #3 = 1.4970 (-0.0050)
Sample #4 = 1.4720 (-0.0120)
Avg % Abs = 1.4857 (-0.0037)
STD DEV = 0.0127 (-0.0085)
REL STD DEV = 0.852 (231.952)

***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 6.5530 (-0.0110)
Sample #2 = 6.5140 (-0.0200)
Sample #3 = 6.5510 (-0.0070)
Sample #4 = 6.5120 (-0.0190)
Avg % Abs = 6.5257 (-0.0153)
STD DEV = 0.0220 (-0.0072)
REL STD DEV = 0.337 (47.175)

***** AUTO CAL DATA *****
***** CHANNEL 1 *****
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.029
Std Dev = 0.03 Rel Std Dev = 92.78
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.747
Std Dev = 0.03 Rel Std Dev = 4.13
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.804
Std Dev = 0.01 Rel Std Dev = 0.61
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.459
Std Dev = 0.02 Rel Std Dev = 0.69
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.183
Std Dev = 0.03 Rel Std Dev = 0.48
Zero Order Coef = -90.37
First Order Coef = 2664.58
Second Order Coef = 21.42
Standard Deviation = 20.612923

Solution Stats Quadratic Fit Chan 2
Act Fit Residual
g/210L g/210L g/210L
0.000 -0.000 0.0003
0.040 0.040 -0.0004
0.100 0.100 -0.0001
0.200 0.200 0.0003
0.300 0.300 -0.0001

FORT LAUDERDALE PD
Intoxilyzer - Alcohol Analyzer
Model 8000
12/18/2023
SN 80-007007
13:06:49

Auto Calibration
Max Power Res Value = 82
Auto Range Res Value = 70

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12609, Sum Io = 12530
***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = -0.0030 (-0.0040)
Sample #2 = 0.0070 (0.0000)
Sample #3 = 0.0210 (-0.0060)
Sample #4 = 0.0590 (-0.0040)
Avg % Abs = 0.0290 (-0.0033)
STD DEV = 0.0269 (0.0031)
REL STD DEV = 92.784 (91.652)

***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 0.1130 (-0.0180)
Sample #2 = 0.1150 (-0.0120)
Sample #3 = 0.1190 (-0.0160)
Sample #4 = 0.1400 (-0.0210)
Avg % Abs = 0.1247 (-0.0163)
STD DEV = 0.0134 (0.0045)
REL STD DEV = 10.772 (27.608)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12602, Sum Io = 12527

***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 0.7390 (-0.0120)
Sample #2 = 0.7290 (0.0010)
Sample #3 = 0.7830 (-0.0090)
Sample #4 = 0.7300 (-0.0250)
Avg % Abs = 0.7473 (-0.0057)
STD DEV = 0.0309 (0.0175)
REL STD DEV = 4.134 (308.361)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12597, Sum Io = 12523

***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 1.7900 (-0.0120)
Sample #2 = 1.8160 (0.0010)
Sample #3 = 1.8000 (0.0090)
Sample #4 = 1.7950 (0.0140)
Avg % Abs = 1.8037 (0.0060)
STD DEV = 0.0110 (0.0066)
REL STD DEV = 0.608 (81.968)

***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 3.4320 (-0.0180)
Sample #2 = 3.4370 (-0.0120)
Sample #3 = 3.4140 (0.0000)
Sample #4 = 3.4170 (0.0000)
Avg % Abs = 3.4227 (-0.0040)
STD DEV = 0.0125 (0.0069)
REL STD DEV = 0.365 (173.205)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12590, Sum Io = 12519

***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 3.5420 (-0.0240)
Sample #2 = 3.4790 (0.0150)
Sample #3 = 3.5260 (0.0020)
Sample #4 = 3.4920 (0.0120)
Avg % Abs = 3.4990 (0.0097)
STD DEV = 0.0243 (0.0068)
REL STD DEV = 0.694 (70.416)

***** CHANNEL 2 *****
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.125
Std Dev = 0.01 Rel Std Dev = 10.77
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.486
Std Dev = 0.01 Rel Std Dev = 0.85
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.423
Std Dev = 0.01 Rel Std Dev = 0.37
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.526
Std Dev = 0.02 Rel Std Dev = 0.34
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.511
Std Dev = 0.02 Rel Std Dev = 0.17
Zero Order Coef = -190.81
First Order Coef = 1406.36
Second Order Coef = 12.23
Standard Deviation = 15.731867

***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 9.4580 (-0.0040)
Sample #2 = 9.5160 (0.0000)
Sample #3 = 9.5250 (-0.0010)
Sample #4 = 9.4930 (0.0070)
Avg % Abs = 9.5113 (0.0020)
STD DEV = 0.0165 (0.0044)
REL STD DEV = 0.174 (217.945)





***** CHANNEL 2 *****
Sample #1 = 3334.00
Sample #2 = 3325.00
Sample #3 = 3343.00
Sample #4 = 3344.00
Average Result = 3337.3333
STD DEV = 10.6927
REL STD DEV = 0.320

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1014
3 um H2O Adjust (mg/l x 10,000) = 349
9 um H2O Adjust (mg/l x 10,000) = 472
***** AUTO CAL PASS *****

Solution Stats Quadratic Fit Chan 1
Act Fit Residual
g/210L g/210L g/210L
0.000 -0.000 0.0003
0.040 0.040 -0.0002
0.100 0.100 -0.0005
0.200 0.199 0.0006
0.300 0.300 -0.0002

Optical Calibration
Adjustment
By: TDG

Post-Cal 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																																																																																																																																																
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Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FORT LAUDERDALE PD
Time of Inspection: 11:58

Date of Inspection: 12/19/2023

Serial Number: 80-007007
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	0.049	0.079	0.197	0.081
0.000	0.050	0.079	0.197	0.080
0.000	0.050	0.079	0.198	0.080
0.000	0.050	0.079	0.198	0.080
0.000	0.050	0.080	0.198	0.081
0.000	0.050	0.079	0.198	0.080
0.000	0.051	0.080	0.197	0.080
0.000	0.050	0.080	0.198	0.080
0.000	0.050	0.080	0.198	0.080
0.000	0.050	0.080	0.198	0.080

Standard Deviations	0.0004	0.0005	0.0004	0.0004
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 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 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 80-007007, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-007007	UNCERTAINTY* \pm
Owning Agency:	FORT LAUDERDALE PD	0.050 g/ 210 L 0.004
Calibration Date:	12/19/2023	0.080 g/ 210 L 0.004
Calibration Time:	11:58	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