



Agency New Smyrna Beach PD

S/N 80-001152

Date In 06/27/2024 DI Completion Date 7/2/2024

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake By ALL Date 06/27/2024

- ☒ Annual
- ☐ Registration
- ☐ Return from CMI / EE

- Case
- Keyboard
- Feet
- Ports
- Handle
- Dry Gas Shelf
- Breath Tube
- Screws Tight

- ☒ Power cord
- ☒ Static Bag
- ☐ Printer Cable
- ☐ 12V DC Cable

Notes:

Quality Checks By DA Date 7/1/2024

- Breath Tube Screen
- Replace External O-Rings
- Instrument Set Up Verified
- R-Value 162
- Flow Verification (L/s)
- Flow Column # ATP102

Flow Column #	ATP102
32 mm	0.148 (.139 - .169)
36 mm	0.160 (.156 - .190)
53 mm	0.234 (.228 - .278)
103 mm	0.496 (.447 - .547)

■ Barometric Pressure Check
Gauge ID # 28427
■ Stability Checks

Flow Calibration By_____ Date_____

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 _____

Barometric Pressure Gauge 1014 ID #28421

■ Post Calibration Adjustment Stability Checks

Department Inspection	By SP
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Barometric Pressure ID# 28427
Gauge 1014 Instrument 1014
Mouth Alcohol Solution Lot # 2024-A
Acetone Stock Solution Lot # 2023-B

Attachments

Notes/Suggested Service: _____

- ☒ 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

Phil Nicodemo Digitally signed by Phil Nicodemo
Date: 2024.07.12 13:00:21 -04'00'

Admin Review / Date

Stability Checks 80-001152 7/1/24 DA

NEW SMYRNA BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001152
07/01/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:10
Control Test	0.050	12:11
Air Blank	0.000	12:11
Control Test	0.050	12:12
Air Blank	0.000	12:12
Control Test	0.050	12:13
Air Blank	0.000	12:14
Control Test Stats		
Average	0.0500	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	



Operator's Signature

Wet

NEW SMYRNA BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001152
07/01/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:18
Control Test	0.079	12:19
Air Blank	0.000	12:19
Control Test	0.080	12:20
Air Blank	0.000	12:20
Control Test	0.079	12:21
Air Blank	0.000	12:22
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	


Operator's Signature

NEW SMYRNA BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001152
07/01/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:32
Control Test	0.199	12:33
Air Blank	0.000	12:33
Control Test	0.198	12:34
Air Blank	0.000	12:35
Control Test	0.198	12:35
Air Blank	0.000	12:36
Control Test Stats		
Average	0.1983	
Std Dev	0.0006	
Rel Std Dev(%)	0.2911	



Operator's Signature

DGS

NEW SMYRNA BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001152
07/01/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:38
Control Test	0.083	12:38
Air Blank	0.000	12:39
Control Test	0.084	12:39
Air Blank	0.000	12:40
Control Test	0.083	12:40
Air Blank	0.000	12:40
Control Test Stats		
Average	0.0833	
Std Dev	0.0006	
Rel Std Dev(%)	0.6928	



Operator's Signature

NEW SMYRNA BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000
07/02/2024
08:17:35

Auto Calibration
Max Power Res Value = 23
Auto Range Res Value = 29

Sol Value = 0.000 g/210L ***
Fit Value = 0.0000 mg/l %
Samples Taken = 4, Discarded = 1
Sum Io = 12072, Sum Io = 13752

CHANEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.0960 (0.0200)
Sample #2 = 0.0290 (0.0220)
Sample #3 = 0.0580 (0.0140)
Sample #4 = 0.0570 (0.0230)
Avg % Abs = 0.0547 (0.0197)
STD DEV = 0.0222 (0.0049)
REL STD DEV = 40.671 (25.082)

CHANEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.1150 (-0.0210)
Sample #2 = 0.1050 (-0.0160)
Sample #3 = 0.1000 (-0.0020)
Sample #4 = 0.1050 (-0.0110)
Avg % Abs = 0.1033 (-0.0097)
STD DEV = 0.0029 (0.0071)
REL STD DEV = 2.794 (73.392)

Sol Value = 0.040 g/210L ***
Fit Value = 0.1905 mg/l %
Samples Taken = 4, Discarded = 1
Sum Io = 12071, Sum Io = 13753

CHANEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.8300 (0.0060)
Sample #2 = 0.8120 (0.0240)
Sample #3 = 0.8170 (0.0030)
Sample #4 = 0.8410 (0.0160)
Avg % Abs = 0.8233 (0.0110)
STD DEV = 0.0155 (0.0114)
REL STD DEV = 1.883 (103.253)

CHANEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.5810 (0.0110)
Sample #2 = 1.5520 (0.0200)
Sample #3 = 1.5480 (0.0150)
Sample #4 = 1.5720 (0.0150)
Avg % Abs = 1.5573 (0.0133)
STD DEV = 0.0129 (0.0076)
REL STD DEV = 0.826 (57.282)

Sol Value = 0.100 g/210L ***
Fit Value = 0.4762 mg/l %
Samples Taken = 4, Discarded = 1
Sum Io = 11944, Sum Io = 13680

CHANEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.9230 (-0.0150)
Sample #2 = 1.9230 (0.0110)
Sample #3 = 1.9280 (0.0160)
Sample #4 = 1.9270 (0.0290)
Avg % Abs = 1.9260 (0.0153)
STD DEV = 0.0026 (0.0121)
REL STD DEV = 0.137 (78.892)

CHANEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.6840 (-0.0080)
Sample #2 = 3.6800 (0.0180)
Sample #3 = 3.6720 (0.0310)
Sample #4 = 3.6840 (0.0360)
Avg % Abs = 3.6787 (0.0283)
STD DEV = 0.0061 (0.0093)
REL STD DEV = 0.166 (32.794)

Sol Value = 0.200 g/210L ***
Fit Value = 0.9524 mg/l %
Samples Taken = 4, Discarded = 1
Sum Io = 11949, Sum Io = 13682

CHANEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.7170 (-0.0100)
Sample #2 = 3.6800 (0.0440)
Sample #3 = 3.6840 (0.0400)
Sample #4 = 3.6870 (0.0370)
Avg % Abs = 3.6837 (0.0403)
STD DEV = 0.0035 (0.0035)
REL STD DEV = 0.095 (8.707)

CHANEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 7.0190 (0.0040)
Sample #2 = 6.9760 (0.0620)
Sample #3 = 6.9800 (0.0580)
Sample #4 = 6.9750 (0.0600)
Avg % Abs = 6.9770 (0.0600)
STD DEV = 0.0026 (0.0020)
REL STD DEV = 0.038 (3.333)

Sol Value = 0.300 g/210L ***
Fit Value = 1.4286 mg/l %
Samples Taken = 4, Discarded = 1
Sum Io = 11943, Sum Io = 13677

CHANEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 5.4380 (-0.0130)
Sample #2 = 5.4140 (0.0080)
Sample #3 = 5.4000 (0.0250)
Sample #4 = 5.4450 (0.0140)
Avg % Abs = 5.4197 (0.0157)
STD DEV = 0.0230 (0.0086)
REL STD DEV = 0.425 (55.032)

CHANEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 10.2010 (-0.0090)
Sample #2 = 10.1470 (0.0450)
Sample #3 = 10.1350 (0.0790)
Sample #4 = 10.1220 (0.0840)
Avg % Abs = 10.1347 (0.0693)
STD DEV = 0.0125 (0.0212)
REL STD DEV = 0.123 (30.607)

AUTO CAL DATA >>>>
CHANEL 1 >>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.055
Std Dev = 0.02 Rel Std Dev = 40.67
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.823
Std Dev = 0.02 Rel Std Dev = 1.88
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.926
Std Dev = 0.00 Rel Std Dev = 0.14
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.684
Std Dev = 0.00 Rel Std Dev = 0.10
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.420
Std Dev = 0.02 Rel Std Dev = 0.42
Zero Order Coef = -160.88
First Order Coef = 2513.68
Second Order Coef = 28.50
Standard Deviation = 28.913860

CHANEL 2 >>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.103
Std Dev = 0.00 Re Std Dev = 2.79
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.557
Std Dev = 0.01 Re Std Dev = 0.83
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.679
Std Dev = 0.01 Re Std Dev = 0.17
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.977
Std Dev = 0.00 Rel Std Dev = 0.04
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 10.135
Std Dev = 0.01 Rel Std Dev = 0.12
Zero Order Coef = -137.75
First Order Coef = 1288.67
Second Order Coef = 13.34
Standard Deviation = 15.699082

Solution Stats Quadratic Fit Chan 1
Act Fit Residual
g/210L g/210L g/210L
0.000 -0.000 0.0005
0.040 0.040 -0.0005
0.100 0.101 -0.0005
0.200 0.199 0.0008
0.300 0.300 -0.0003

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 0.0001
0.100 0.100 -0.0005
0.200 0.200 0.0004
0.300 0.300 -0.0001

Sol Value = 0.080 g/210L ***
Fit Value = 0.3810 mg/l %
Samples Taken = 4, Discarded = 1

CHANEL 1
Sample #1 = 325.00
Sample #2 = 3251.00
Sample #3 = 3246.00
Sample #4 = 3217.00
Average Result = 3238.0000
STD DEV = 18.3576
REL STD DEV = 0.567

CHANEL 2
Sample #1 = 3420.00
Sample #2 = 3423.00
Sample #3 = 3404.00
Sample #4 = 3408.00
Average Result = 3411.6667
STD DEV = 10.0167
REL STD DEV = 0.294

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1014
3 um H2O Adjust (mg/l x 10,000) = 571
9 um H2O Adjust (mg/l x 10,000) = 398
**** AUTO CAL PASS

CAL ADJUSTMENT SP

Post Cal Stability Checks

NEW SMYRNA BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000
07/02/2024
Software: 8100.27
SN 80-001152

Test	g/210L	Time
Air Blank	0.000	10:42
Control Test	0.049	10:43
Air Blank	0.000	10:43
Control Test	0.049	10:44
Air Blank	0.000	10:44
Control Test	0.049	10:45
Air Blank	0.000	10:46
Control Test	0.049	10:46
Air Blank	0.000	10:46
Control Test	0.049	10:46
Average	0.0490	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP

Operator's Signature

NEW SMYRNA BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000
07/02/2024
Software: 8100.27
SN 80-001152

Test	g/210L	Time
Air Blank	0.000	10:53
Control Test	0.078	10:54
Air Blank	0.000	10:55
Control Test	0.078	10:55
Air Blank	0.000	10:56
Control Test	0.079	10:57
Air Blank	0.000	10:57
Control Test	0.0783	10:57
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

SP

Operator's Signature

NEW SMYRNA BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000
07/02/2024
Software: 8100.27
SN 80-001152

Test	g/210L	Time
Air Blank	0.000	10:48
Control Test	0.197	10:48
Air Blank	0.000	10:49
Control Test	0.196	10:50
Air Blank	0.000	10:50
Control Test	0.197	10:51
Air Blank	0.000	10:51
Control Test	0.1967	10:51
Average	0.1967	
Std Dev	0.0006	
Rel Std Dev(%)	0.2936	

SP

Operator's Signature

NEW SMYRNA BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000
07/02/2024
Software: 8100.27
SN 80-001152

Test	g/210L	Time
Air Blank	0.000	09:20
Control Test	0.081	09:20
Air Blank	0.000	09:21
Control Test	0.080	09:21
Air Blank	0.000	09:22
Control Test	0.080	09:22
Air Blank	0.000	09:23
Control Test	0.0803	09:23
Average	0.0803	
Std Dev	0.0006	
Rel Std Dev(%)	0.7187	

DOS

SP

Operator's Signature

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: NEW SMYRNA BEACH PD
Time of Inspection: 12:32

Date of Inspection: 07/02/2024

Serial Number: 80-001152
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	

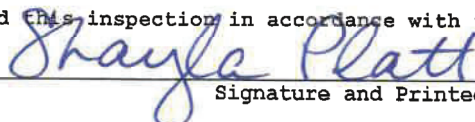
Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#:202303K Exp: 03/29/2025	0.08g/210L Test (g/210L) Lot#:202303L Exp: 03/29/2025	0.20g/210L Test (g/210L) Lot#:202304C Exp: 04/05/2025	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:06723080A5 Exp: 04/05/2025
0.000	0.050	0.079	0.197	0.080
0.000	0.050	0.079	0.197	0.080
0.000	0.050	0.079	0.198	0.080
0.000	0.051	0.079	0.198	0.080
0.000	0.050	0.079	0.198	0.080
0.000	0.050	0.079	0.198	0.080
0.000	0.051	0.079	0.198	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	0.080
Standard Deviations	0.0004	0.0003	0.0004	0.0000

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.



SHAYLA D PLATT

Signature and Printed Name

07/02/2024
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 80-001152, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001152</u>	UNCERTAINTY* $\pm$
Owning Agency:	<u>NEW SMYRNA BEACH PD</u>	0.050 g/ 210 L 0.004
Calibration Date:	<u>07/02/2024</u>	0.080 g/ 210 L 0.004
Calibration Time:	<u>12:32</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.

Digitally signed by
Shayla Platt
Date: 2024.07.09
12:33:28 -04'00'

07/02/2024

Date

SHAYLA D PLATT,
Department Inspector

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

Service • Integrity • Respect • Quality