



INSTRUMENT PROCESSING SHEET

Agency North Miami PDS/N 80-005077Florida Department of
Law EnforcementDate In 02/21/2023 DI Completion Date 02/23/2023☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By TDG	Quality Checks	By TDG	Date <u>02/21/2023</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: _____ _____ _____ _____ _____ _____ _____ _____ _____ _____		☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>222</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP104</u> 32 mm <u>0.156</u> (.139 - .169) 36 mm <u>0.171</u> (.156 - .190) 53 mm <u>0.246</u> (.228 - .278) 103 mm <u>0.503</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>68639</u> ☒ Stability Checks			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)																																											
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Calibration Adjustment		By TDG			Department Inspection			By TDG																																								
Barometric Pressure Gauge <u>1023</u> ID # <u>28199</u>					Barometric Pressure ID# <u>28663</u> Gauge <u>1024</u> Instrument <u>1024</u> Mouth Alcohol Solution Lot # <u>2021-D</u> Acetone Stock Solution Lot # <u>2021-C</u>																																											
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Notes/Suggested Service: <u>Performed discretionary optical calibration adjustment due to multiple Stability Checks being at the minimum threshold of nominal. (TDG)</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																																											
Israel Soto Digitally signed by Israel Soto Date: 2023.02.24 07:51:18 +05'00'		Phil Nicodemo Digitally signed by Phil Nicodemo Date: 2023.02.27 13:10:52 -05'00'			Tech Review / Date			Admin Review / Date																																								

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-00 5077	North Miami PD	02/21/2023	TDG MB

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
NORTH MIAMI PD Intoxilyzer - Alcotest Analyzer Model 8000 SN 80-005077 02/21/2023 Software: 8100.27 Test g/210L Time Air Blank 0.000 15:33 Control Test 0.047 15:34 Air Blank 0.000 15:35 Control Test 0.047 15:35 Air Blank 0.000 15:36 Control Test 0.048 15:36 Air Blank 0.000 15:37 Control Test Stats Average 0.0473 Std Dev 0.0006 Rel Std Dev(%) 1.2198	NORTH MIAMI PD Intoxilyzer - Alcotest Analyzer Model 8000 SN 80-005077 02/21/2023 Software: 8100.27 Test g/210L Time Air Blank 0.000 15:40 Control Test 0.077 15:41 Air Blank 0.000 15:42 Control Test 0.077 15:42 Air Blank 0.000 15:43 Control Test 0.077 15:44 Air Blank 0.000 15:44 Control Test Stats Average 0.0770 Std Dev 0.0000 Rel Std Dev(%) 0.0000	NORTH MIAMI PD Intoxilyzer - Alcotest Analyzer Model 8000 SN 80-005077 02/21/2023 Software: 8100.27 Test g/210L Time Air Blank 0.000 15:47 Control Test 0.198 15:47 Air Blank 0.000 15:48 Control Test 0.197 15:48 Air Blank 0.000 15:49 Control Test 0.197 15:50 Air Blank 0.000 15:50 Control Test Stats Average 0.1973 Std Dev 0.0006 Rel Std Dev(%) 0.2926	NORTH MIAMI PD Intoxilyzer - Alcotest Analyzer Model 8000 SN 80-005077 02/21/2023 Software: 8100.27 Test g/210L Time Air Blank 0.000 15:29 Control Test 0.077 15:29 Air Blank 0.000 15:30 Control Test 0.077 15:30 Air Blank 0.000 15:31 Control Test 0.077 15:31 Air Blank 0.000 15:31 Control Test Stats Average 0.0770 Std Dev 0.0000 Rel Std Dev(%) 0.0000
Operator's Signature	Operator's Signature	Operator's Signature	Operator's Signature

Comments:

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

<<<<< CHANNEL 1 >>>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs = 0.016
 Std Dev = 0.01 Rel Std Dev = 53.40
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 0.752
 Std Dev = 0.01 Rel Std Dev = 1.82
 Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs = 1.848
 Std Dev = 0.01 Rel Std Dev = 0.31
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 3.619
 Std Dev = 0.01 Rel Std Dev = 0.28
 Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs = 5.379
 Std Dev = 0.01 Rel Std Dev = 0.10
 Zero Order Coef = -47.03
 First Order Coef = 2584.82
 Second Order Coef = 15.04
 Standard Deviation = 13.667245

<<<<< CHANNEL 2 >>>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs = 0.141
 Std Dev = 0.01 Rel Std Dev = 7.89
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 1.550
 Std Dev = 0.02 Rel Std Dev = 1.45
 Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs = 3.619
 Std Dev = 0.00 Rel Std Dev = 0.14
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 6.898
 Std Dev = 0.02 Rel Std Dev = 0.31
 Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs = 10.083
 Std Dev = 0.02 Rel Std Dev = 0.16
 Zero Order Coef = -195.53
 First Order Coef = 1340.16
 Second Order Coef = 9.59
 Standard Deviation = 13.701573

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	-0.0000
0.100	0.100	-0.0004
0.200	0.200	0.0004
0.300	0.300	-0.0001

Sol Value = 0.080 g/210L ***
 Fit value = 0.3910 mg/l %%%
 Samples Taken = 4, Discarded = 1

***** CHANNEL 1

Sample #1 = 3479.00
 Sample #2 = 3479.00
 Sample #3 = 3510.00
 Sample #4 = 3528.00
 Average Result = 3505.6667
 STD DEV = 24.7857
 REL STD DEV = 0.707

***** CHANNEL 2

Sample #1 = 3349.00
 Sample #2 = 3362.00
 Sample #3 = 3340.00
 Sample #4 = 3358.00
 Average Result = 3353.3333
 STD DEV = 11.7189
 REL STD DEV = 0.349

Dry Gas H2O Adjust Results *****
 Barometric Pressure = 1024
 3 um H2O Adjust (mg/l*10,000) = 304
 9 um H2O Adjust (mg/l*10,000) = 456
 ***** AUTO CAL PASS

<<<<< CHANNEL 2 >>>>>

Sample % Abs (% Abs Ref)
 Sample #1 = 6.9410 (-0.0020)
 Sample #2 = 6.9210 (-0.0180)
 Sample #3 = 6.8920 (-0.0390)
 Sample #4 = 6.8800 (-0.0540)
 Avg % Abs = 6.8977 (-0.0370)
 STD DEV = 0.0211 (-0.0181)
 REL STD DEV = 0.306 (48.873)

Sol Value = 0.300 g/210L ***

Fit value = 1.4286 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12427, Sum Io = 13324

<<<<< CHANNEL 1 >>>>>

Sample % Abs (% Abs Ref)
 Sample #1 = 5.3070 (-0.0130)
 Sample #2 = 5.3810 (-0.0180)
 Sample #3 = 5.3730 (-0.0340)
 Sample #4 = 5.3830 (-0.0400)
 Avg % Abs = 5.3790 (-0.0307)
 STD DEV = 0.0053 (-0.0114)
 REL STD DEV = 0.098 (37.084)

<<<<< CHANNEL 2 >>>>>

Sample % Abs (% Abs Ref)
 Sample #1 = 9.9570 (-0.0090)
 Sample #2 = 10.1000 (-0.0510)
 Sample #3 = 10.0810 (-0.0700)
 Sample #4 = 10.0670 (-0.0890)
 Avg % Abs = 10.0827 (-0.0700)
 STD DEV = 0.0166 (-0.0190)
 REL STD DEV = 0.164 (27.143)

Optical Calibration

SN:	80-005077
Agency:	North Miami PD
Date:	02/23/2023
Quadratic Fit:	+/- 0.002g/210L ✓
By:	TDG <i>ML</i>

<<<<< CHANNEL 2 >>>>>

Sample % Abs (% Abs Ref)
 Sample #1 = 1.5630 (-0.00300)
 Sample #2 = 1.5720 (-0.00200)
 Sample #3 = 1.5520 (-0.02000)
 Sample #4 = 1.5270 (-0.03000)
 Avg % Abs = 1.5503 (-0.0173)
 STD DEV = 0.0225 (-0.0142)
 REL STD DEV = 1.454 (81.861)

Sol Value = 0.100 g/210L ***

Fit value = 0.4762 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12441, Sum Io = 13334

<<<<< CHANNEL 1 >>>>>

Sample % Abs (% Abs Ref)
 Sample #1 = 1.8460 (-0.0140)
 Sample #2 = 1.8410 (-0.00700)
 Sample #3 = 1.8510 (-0.01300)
 Sample #4 = 1.8510 (-0.02900)
 Avg % Abs = 1.8477 (-0.0163)
 STD DEV = 0.0058 (-0.0114)
 REL STD DEV = 0.312 (69.627)

<<<<< CHANNEL 2 >>>>>

Sample % Abs (% Abs Ref)
 Sample #1 = 3.6310 (-0.0020)
 Sample #2 = 3.6210 (-0.0160)
 Sample #3 = 3.6220 (-0.0220)
 Sample #4 = 3.6130 (-0.0390)
 Avg % Abs = 3.6187 (-0.0257)
 STD DEV = 0.0049 (-0.0119)
 REL STD DEV = 0.136 (46.482)

Sol Value = 0.200 g/210L ***

Fit value = 0.9524 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12433, Sum Io = 13329

<<<<< CHANNEL 1 >>>>>

Sample % Abs (% Abs Ref)
 Sample #1 = 3.6270 (-0.0160)
 Sample #2 = 3.6310 (-0.00700)
 Sample #3 = 3.6140 (-0.01300)
 Sample #4 = 3.6130 (-0.02700)
 Avg % Abs = 3.6193 (-0.0110)
 STD DEV = 0.0101 (-0.0171)
 REL STD DEV = 0.279 (155.346)

NORTH MIAMI PD

Intoxilyzer - Alconol Analyzer

Model 8000

02/23/2023

SN 80-005077

09:18:53

Auto Calibration

Max Power Res Value = 33

Auto Range Res Value = 19

Sol Value = 0.000 g/210L ***

Fit value = 0.0000 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12488, Sum Io = 13368

<<<<< CHANNEL 1 >>>>>

Sample % Abs (% Abs Ref)
 Sample #1 = 0.0310 (-0.00700)
 Sample #2 = 0.0080 (-0.00800)
 Sample #3 = 0.0150 (-0.03000)
 Sample #4 = 0.0250 (-0.03900)
 Avg % Abs = 0.0160 (-0.0257)
 STD DEV = 0.0085 (-0.0159)
 REL STD DEV = 53.400 (62.134)

<<<<< CHANNEL 2 >>>>>

Sample % Abs (% Abs Ref)
 Sample #1 = 0.1430 (-0.00600)
 Sample #2 = 0.1540 (-0.01000)
 Sample #3 = 0.1370 (-0.02700)
 Sample #4 = 0.1330 (-0.03800)
 Avg % Abs = 0.1413 (-0.0250)
 STD DEV = 0.0112 (-0.0141)
 REL STD DEV = 7.889 (56.427)

Sol Value = 0.040 g/210L ***

Fit value = 0.1905 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12468, Sum Io = 13353

<<<<< CHANNEL 1 >>>>>

Sample % Abs (% Abs Ref)
 Sample #1 = 0.7500 (-0.00300)
 Sample #2 = 0.7640 (-0.00700)
 Sample #3 = 0.7370 (-0.03200)
 Sample #4 = 0.7540 (-0.03200)
 Avg % Abs = 0.7517 (-0.0237)
 STD DEV = 0.0137 (-0.0144)
 REL STD DEV = 1.816 (60.988)

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-00 5077	North Miami PD	02/23/2023	TDG

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 ✓ 0.003 of Wet ✓

NORTH MIAMI PD
Intoxilyzer - Alconol Analyzer
Model 8000
02/23/2023
Software: 8100.27

NORTH MIAMI PD
Intoxilyzer - Alconol Analyzer
Model 8000
02/23/2023
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Intoxilyzer - Alconol Analyzer
Model 8000
02/23/2023
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NORTH MIAMI PD
Intoxilyzer - Alconol Analyzer
Model 8000
02/23/2023
Software: 8100.27

Test g/210L Time

Air Blank 0.000 11:04

Control Test 0.049 11:05

Air Blank 0.000 11:05

Control Test 0.049 11:06

Air Blank 0.000 11:06

Control Test 0.050 11:07

Air Blank 0.000 11:08

Control Test Stats

Average 0.0493

Std Dev 0.0006

Rel Std Dev(%) 1.1703

Test g/210L Time

Air Blank 0.000 11:11

Control Test 0.078 11:12

Air Blank 0.000 11:12

Control Test 0.078 11:13

Air Blank 0.000 11:14

Control Test 0.078 11:14

Air Blank 0.000 11:15

Control Test Stats

Average 0.0780

Std Dev 0.0000

Rel Std Dev(%) 0.0000

Test g/210L Time

Air Blank 0.000 11:30

Control Test 0.200 11:31

Air Blank 0.000 11:31

Control Test 0.200 11:32

Air Blank 0.000 11:33

Control Test 0.199 11:33

Air Blank 0.000 11:34

Control Test Stats

Average 0.1997

Std Dev 0.0036

Rel Std Dev(%) 0.2892

Test g/210L Time

Air Blank 0.000 11:21

Control Test 0.080 11:21

Air Blank 0.000 11:22

Control Test 0.080 11:22

Air Blank 0.000 11:22

Control Test 0.081 11:23

Air Blank 0.000 11:23

Control Test Stats

Average 0.0803

Std Dev 0.0016

Rel Std Dev(%) 0.2187

Operator's Signature

ML

Operator's Signature

ML

Operator's Signature

ML

Operator's Signature

ML

Comments:

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: NORTH MIAMI PD
Time of Inspection: 13:42

Date of Inspection: 02/23/2023

Serial Number: 80-005077
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#:202201C Exp: 01/11/2024	0.08g/210L Test (g/210L) Lot#:202201D Exp: 01/18/2024	0.20g/210L Test (g/210L) Lot#:202201E Exp: 01/18/2024	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG223802 Exp: 08/26/2024
0.000	0.049	0.080	0.200	0.080
0.000	0.050	0.079	0.200	0.080
0.000	0.050	0.079	0.200	0.080
0.000	0.050	0.079	0.199	0.079
0.000	0.050	0.079	0.198	0.080
0.000	0.050	0.079	0.198	0.079
0.000	0.050	0.079	0.200	0.079
0.000	0.050	0.079	0.199	0.079
0.000	0.050	0.079	0.200	0.079
0.000	0.050	0.079	0.200	0.080

Standard Deviations	0.0003	0.0003	0.0008	0.0005
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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

02/23/2023
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 80-005077, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-005077</u>	UNCERTAINTY* $\pm$
Owning Agency:	<u>NORTH MIAMI PD</u>	0.050 g/ 210 L 0.004
Calibration Date:	<u>02/23/2023</u>	0.080 g/ 210 L 0.004
Calibration Time:	<u>13:42</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.

02/23/2023

Date

TAYLOR D GUTSCHOW,

Department Inspector

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality