FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency North Miami Beach PD S/N 80-000886

Date In 06/07/2023 DI Completion Date 06/16/2023 ■Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake By TDG

■ 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: Missing back two feet on DGS shelf

Quality Checks By TDG Date 06/08/2023

■ Breath Tube Screen
■ Replace External O-Rings
■ Instrument Set Up Verified
■ R-Value 129
■ Flow Verification (L/s)
Flow Column # ATP104
32 mm 0.152 (.139 - .169)
36 mm 0.171 (.156 - .190)
53 mm 0.242 (.228 - .278)
103 mm 0.503 (.447 - .547)
■ Barometric Pressure Check
Gauge ID # 26932
■ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	MP6286	202201C
		01/11/2024
0.080	MP4864	202201D
		01/18/2024
0.200	MP6288	202201E
		01/18/2024
0.080 DGS	N/A	AG223802
		08/26/2024

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

☐ Battery Replacement
☐ Dry Gas Regulator Replacement
☐ Breath Tube Replacement
☐ Other

Calibration Adjustment By TDG

Barometric Pressure Gauge 1016 ID # 28199

Simulator	Serial #	Lot #	Expiration
0.000	MP5097	N/A	N/A
0.040	MP5098	21410	09/30/2023
0.100	MP5099	22310	08/11/2024
0.200	MP5100	22050	02/07/2024
0.300	MP5101	22220	06/15/2024
0.080 DGS	N/A	AG222203	08/10/2024

■ Post Calibration Adjustment Stability Checks

Simulator	Serial #	Lot #	Expiration
0.050	MP5094	202201C	01/11/2024
0.080	MP5095	202201D	01/18/2024
0.200	MP5096	202201E	01/18/2024
0.080 DGS	N/A	AG223802	08/26/2024

Department Inspection By TDG

Barometric Pressure ID# 26932
Gauge 1015 Instrument 1015
Mouth Alcohol Solution Lot # 2021-D
Acetone Stock Solution Lot # 2022-B

Simulator	Serial Number
0.000	MP5092
Interferent	MP5093
0.050	MP5094
0.080	MP5095
0.200	MP5096

Attachments

■ Form 41
■ Stability Checks
■ Calibration Certificate
■ Calibration Adjustment
■ Post-Stability Checks
☐ Flow Calibration
☐ Form 40
☐ Other

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**

Israel Soto Digitally signed by Israel Soto Date: 2023.06.19 08:27:24 -04'00' — Tech Review / Date

Phil Nicodemo Digitally signed by Phil Nicodemo Date: 2023.06.19 09:11:26 -04'00' — Admin Review / Date

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-00 0886	North Miami Beach PD	06 | 08 | 2023	TDG MG

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 BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000886
06/08/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:47
Control Test	0.049	09:48
Air Blank	0.000	09:48
Control Test	0.048	09:49
Air Blank	0.000	09:50
Control Test	0.048	09:50
Air Blank	0.000	09:51
Control Test Stats		
Average	0.0483	
Std Dev	0.0006	
Rel Std Dev(%)	1.1945	

MG
Operator's Signature

NORTH MIAMI BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000886
06/08/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:55
Control Test	0.078	09:55
Air Blank	0.000	09:56
Control Test	0.078	09:57
Air Blank	0.000	09:57
Control Test	0.077	09:58
Air Blank	0.000	09:59
Control Test Stats		
Average	0.0777	
Std Dev	0.0006	
Rel Std Dev(%)	0.7434	

MG
Operator's Signature

NORTH MIAMI BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000886
06/08/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:01
Control Test	0.198	10:02
Air Blank	0.000	10:02
Control Test	0.197	10:03
Air Blank	0.000	10:04
Control Test	0.196	10:04
Air Blank	0.000	10:05
Control Test Stats		
Average	0.1970	
Std Dev	0.0010	
Rel Std Dev(%)	0.5076	

MG
Operator's Signature

DGS

NORTH MIAMI BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000886
06/08/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:39
Control Test	0.081	09:39
Air Blank	0.000	09:40
Control Test	0.081	09:40
Air Blank	0.000	09:40
Control Test	0.081	09:41
Air Blank	0.000	09:41
Control Test Stats		
Average	0.0810	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

MG
Operator's Signature

Comments:

NORTH MIAMI BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000886
06/16/2023 09:54:36

Auto Calibration
Max Power Res Value = 42
Auto Range Res Value = 19

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12702, 9um Io = 13444

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0730	(-0.0110)
Sample #2 =	0.0920	(0.0020)
Sample #3 =	0.0750	(0.0370)
Sample #4 =	0.0790	(0.0460)

Avg % Abs = 0.0820 (0.0283)
STD DEV = 0.0089 (0.0232)
REL STD DEV = 10.839 (82.041)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1010	(-0.0120)
Sample #2 =	0.1000	(0.0040)
Sample #3 =	0.1040	(0.0000)
Sample #4 =	0.1040	(0.0150)

Avg % Abs = 0.1027 (0.0063)
STD DEV = 0.0023 (0.0078)
REL STD DEV = 2.249 (122.644)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12709, 9um Io = 13451

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8430	(-0.0170)
Sample #2 =	0.8230	(0.0110)
Sample #3 =	0.8220	(0.0320)
Sample #4 =	0.8020	(0.0470)

Avg % Abs = 0.8157 (0.0300)
STD DEV = 0.0118 (0.0181)
REL STD DEV = 1.452 (60.277)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5610	(-0.0030)
Sample #2 =	1.5470	(0.0180)
Sample #3 =	1.5310	(0.0300)
Sample #4 =	1.5290	(0.0320)

Avg % Abs = 1.5357 (0.0267)
STD DEV = 0.0099 (0.0076)
REL STD DEV = 0.642 (28.395)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12700, 9um Io = 13445

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.9290	(-0.0060)
Sample #2 =	1.9260	(0.0180)
Sample #3 =	1.9230	(0.0370)
Sample #4 =	1.9250	(0.0560)

Avg % Abs = 1.9247 (0.0370)
STD DEV = 0.0015 (0.0190)
REL STD DEV = 0.079 (51.351)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6680	(-0.0020)
Sample #2 =	3.6270	(0.0320)
Sample #3 =	3.6350	(0.0360)
Sample #4 =	3.6140	(0.0600)

Avg % Abs = 3.6253 (0.0427)
STD DEV = 0.0106 (0.0151)
REL STD DEV = 0.292 (35.493)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12691, 9um Io = 13439

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.7240	(-0.0190)
Sample #2 =	3.7010	(0.0350)
Sample #3 =	3.6900	(0.0410)
Sample #4 =	3.6960	(0.0540)

Avg % Abs = 3.6957 (0.0433)
STD DEV = 0.0055 (0.0097)
REL STD DEV = 0.149 (22.414)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	7.0220	(-0.0130)
Sample #2 =	6.9660	(0.0670)
Sample #3 =	6.9420	(0.0890)
Sample #4 =	6.9390	(0.1000)

Avg % Abs = 6.9490 (0.0853)
STD DEV = 0.0148 (0.0168)
REL STD DEV = 0.213 (19.691)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12684, 9um Io = 13435

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.4750	(-0.0200)
Sample #2 =	5.4170	(0.0460)
Sample #3 =	5.3840	(0.0790)
Sample #4 =	5.3660	(0.0910)

Avg % Abs = 5.3890 (0.0720)
STD DEV = 0.0259 (0.0233)
REL STD DEV = 0.480 (32.364)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	10.1970	(0.0070)
Sample #2 =	10.0900	(0.1220)
Sample #3 =	10.0580	(0.1540)
Sample #4 =	10.0500	(0.1540)

Avg % Abs = 10.0660 (0.1433)
STD DEV = 0.0212 (0.0185)
REL STD DEV = 0.210 (12.890)

Optical Calibration	
SN:	80-000886
Agency:	North Miami Beach PD
Date:	06/16/2023
Quadratic Fit: +/- 0.002g/210L	✓
By:	TDG MG

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.082
Std Dev = 0.01 Rel Std Dev = 10.84
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.816
Std Dev = 0.01 Rel Std Dev = 1.45
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.925
Std Dev = 0.00 Rel Std Dev = 0.08
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.696
Std Dev = 0.01 Rel Std Dev = 0.15
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.389
Std Dev = 0.03 Rel Std Dev = 0.48
Zero Order Coef = -190.67
First Order Coef = 2513.30
Second Order Coef = 31.94
Standard Deviation = 15.495975

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.103
Std Dev = 0.00 Rel Std Dev = 2.25
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.536
Std Dev = 0.01 Rel Std Dev = 0.64
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.625
Std Dev = 0.01 Rel Std Dev = 0.29
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.949
Std Dev = 0.01 Rel Std Dev = 0.21
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 10.066
Std Dev = 0.02 Rel Std Dev = 0.21
Zero Order Coef = -127.15
First Order Coef = 1298.94
Second Order Coef = 13.16
Standard Deviation = 8.112786

Solution Stats Quadratic Fit Chan 1

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.000	-0.0003
0.040	0.039	0.0005
0.100	0.100	-0.0001
0.200	0.200	-0.0002
0.300	0.300	0.0001

Solution Stats Quadratic Fit Chan 2

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.000	-0.0001
0.040	0.040	0.0001
0.100	0.100	0.0001
0.200	0.200	-0.0002
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 = 3083.00
Sample #2 = 3153.00
Sample #3 = 3159.00
Sample #4 = 3201.00
Average Result = 3171.0000
STD DEV = 26.1534
REL STD DEV = 0.825
****
***** CHANNEL 2
Sample #1 = 3390.00
Sample #2 = 3415.00
Sample #3 = 3411.00
Sample #4 = 3441.00
Average Result = 3422.3333
STD DEV = 16.2891
REL STD DEV = 0.476
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1015
3 um H2O Adjust (mg/l*10,000) = 638
9 um H2O Adjust (mg/l*10,000) = 387
**** AUTO CAL PASS

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities (Post-Cal)	80-000886	North Miami Beach PD	06/16/2023	TDG MG

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 BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000886
06/16/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:05
Control Test	0.050	11:06
Air Blank	0.000	11:06
Control Test	0.049	11:07
Air Blank	0.000	11:08
Control Test	0.049	11:08
Air Blank	0.000	11:09

Control Test Stats

Average	0.0493
Std Dev	0.0006
Rel Std Dev(%)	1.1703

MG
Operator's Signature

NORTH MIAMI BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000886
06/16/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:12
Control Test	0.079	11:13
Air Blank	0.000	11:14
Control Test	0.078	11:14
Air Blank	0.000	11:15
Control Test	0.079	11:16
Air Blank	0.000	11:16

Control Test Stats

Average	0.0787
Std Dev	0.0006
Rel Std Dev(%)	0.7339

MG
Operator's Signature

NORTH MIAMI BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000886
06/16/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:21
Control Test	0.202	11:21
Air Blank	0.000	11:22
Control Test	0.201	11:23
Air Blank	0.000	11:23
Control Test	0.200	11:24
Air Blank	0.000	11:25

Control Test Stats

Average	0.2010
Std Dev	0.0010
Rel Std Dev(%)	0.4975

MG
Operator's Signature

DGS

NORTH MIAMI BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000886
06/16/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:59
Control Test	0.078	11:00
Air Blank	0.000	11:00
Control Test	0.079	11:01
Air Blank	0.000	11:01
Control Test	0.079	11:01
Air Blank	0.000	11:02

Control Test Stats

Average	0.0787
Std Dev	0.0006
Rel Std Dev(%)	0.7339

MG
Operator's Signature

Comments:

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: NORTH MIAMI BEACH PD
Time of Inspection: 13:56
Date of Inspection: 06/16/2023
Serial Number: 80-000886
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	0.079	0.201	0.078
0.000	0.049	0.079	0.201	0.079
0.000	0.049	0.079	0.201	0.079
0.000	0.049	0.079	0.201	0.079
0.000	0.050	0.079	0.201	0.079
0.000	0.050	0.079	0.201	0.079
0.000	0.050	0.079	0.201	0.079
0.000	0.049	0.079	0.201	0.079
0.000	0.050	0.079	0.201	0.079
0.000	0.049	0.079	0.201	0.079

Standard Deviations	0.0005	0.0000	0.0000	0.0003

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 (X) 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 Gutschow — TAYLOR D GUTSCHOW
Signature and Printed Name

06/16/2023
Date

FDLE/ATP Form 41 –Revised August 2005

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 80-000886 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-000886		UNCERTAINTY* ±
Owning Agency:	NORTH MIAMI BEACH PD	0.050 g/ 210 L	0.004
Calibration Date:	06/16/2023	0.080 g/ 210 L	0.004
Calibration Time:	13:56	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.

06/16/2023
Date

TAYLOR D GUTSCHOW,
Department Inspector