



Agency South Miami Police Department

S/N 80-001737

Date In 12-28-2022 DI Completion Date 12-29-2022

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Calibration Adjustment

By IS

Simulator	Serial #	Lot #	Expiration
0.000	MP6294	N/A	N/A
0.040	MP6295	21410	09-30-2023
0.100	MP6296	22310	08-11-2024
0.200	MP6297	22050	02-07-2024
0.300	MP5085	22220	06-15-2024
0.080 DGS	N/A	08121080A1	05-05-2023

Simulator	Serial #	Lot #	Expiration
0.050	MP5088	202201C	01-11-2024
0.080	MP5089	202201D	01-18-2024
0.200	MP5084	202201E	01-18-2024
0.080 DGS	N/A	AG113403	05-14-2023

IS

Admin Review: Added "." to 36mm Flow Verification. IS 01-03-2023

By IS

Simulator	Serial Number
0.000	MP5086
Interferent	MP5087
0.050	MP5088
0.080	MP5089
0.200	MP5084

☒ Form 41 ☒ Stability Checks ☒ Calibration Certificate ☒ Calibration Adjustment	☒ Post-Stability Checks ☒ Flow Calibration ☐ Form 40 ☐ Other _____
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■ Conduct an Agency Inspection Before Evidentiary Use

Digitally signed by David Eliezer
Reyes-Rivera
Date: 2023.01.03 06:06:00 -05'00'

Tech Review / Date

Admin Review / Date

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: SOUTH MIAMI PD
Time of Inspection: 15:13

Date of Inspection: 12/29/2022

Serial Number: 80-001737
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#:AG113403 Exp: 05/14/2023
0.000	0.049	0.079	0.201	0.081
0.000	0.049	0.079	0.200	0.082
0.000	0.050	0.078	0.201	0.081
0.000	0.049	0.079	0.200	0.081
0.000	0.049	0.079	0.201	0.080
0.000	0.050	0.078	0.200	0.081
0.000	0.049	0.079	0.200	0.081
0.000	0.049	0.079	0.200	0.081
0.000	0.050	0.079	0.200	0.081
0.000	0.050	0.079	0.200	0.081

Standard Deviations	0.0005	0.0004	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.

Israel Soto

ISRAEL SOTO

Signature and Printed Name

12/29/2022
Date

Flow Calibration Adjustment

SOUTH MIAMI PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001737
12/29/2022
Software: 8100.27

Flow Rate Calibration*****

1: Rate (Liters/min) = 5
SQRT(Diff) = 5.656
2: Rate (Liters/min) = 15
SQRT(Diff) = 10.438
3: Rate (Liters/min) = 30
SQRT(Diff) = 20.172
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 662
Rounded Intercept = -383126
Correlation = 0.99684

sd

SOUTH MIAMI PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001737
12/29/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:41
Control Test	0.055	10:41
Air Blank	0.000	10:42
Control Test	0.048	10:42
Air Blank	0.000	10:43
Control Test	0.048	10:44
Air Blank	0.000	10:44
Control Test Stats		
Average	0.0503	
Std Dev	0.0040	
Rel Std Dev(%)	8.0294	

sd
Operator's Signature

SOUTH MIAMI PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001737
12/29/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:50
Control Test	0.196	10:51
Air Blank	0.000	10:51
Control Test	0.196	10:52
Air Blank	0.000	10:52
Control Test	0.198	10:53
Air Blank	0.000	10:54
Control Test Stats		
Average	0.1967	
Std Dev	0.0012	
Rel Std Dev(%)	0.5871	

sd
Operator's Signature

Stability Checks

SOUTH MIAMI PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001737
12/29/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:45
Control Test	0.076	10:46
Air Blank	0.000	10:47
Control Test	0.077	10:47
Air Blank	0.000	10:48
Control Test	0.077	10:48
Air Blank	0.000	10:49
Control Test Stats		
Average	0.0767	
Std Dev	0.0006	
Rel Std Dev(%)	0.7531	

wet

sd
Operator's Signature

SOUTH MIAMI PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001737
12/29/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:54
Control Test	0.081	10:55
Air Blank	0.000	10:55
Control Test	0.080	10:56
Air Blank	0.000	10:56
Control Test	0.079	10:56
Air Blank	0.000	10:57
Control Test Stats		
Average	0.0800	
Std Dev	0.0010	
Rel Std Dev(%)	1.2500	

Dry

sd
Operator's Signature



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 80-001737, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001737</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>SOUTH MIAMI PD</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>12/29/2022</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>15:13</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.

Israel Soto
Soto
Digitally signed by Israel Soto
Date: 2022.12.29
16:06:45 -05'00'

12/29/2022

Date

ISRAEL SOTO,
Department Inspector

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

Service • Integrity • Respect • Quality

SOUTH MIAMI PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001737
12/29/2022 11:06:13

Optical Bench
Calibration Adjustment

✓

Auto Calibration

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<<<< 3um >>>> <<<< 9um >>>>

Solution = 0.000 g/210L or 0.0000 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 0.1640 (-0.0230) 0.1170 (-0.0200)
Sample #2 0.1410 (0.0500) 0.1090 (0.0060)
Sample #3 0.1350 (0.0620) 0.1300 (-0.0010)
Sample #4 0.1410 (0.0760) 0.1190 (0.0180)
Avg % Abs 0.1390 (0.0627) 0.1193 (0.0077)
STD DEV 0.0035 (0.0130) 0.0105 (0.0096)
REL STD DEV 2.492 (20.765) 8.802 (125.335)

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 0.8530 (-0.0160) 1.5510 (-0.0110)
Sample #2 0.8200 (0.0030) 1.5300 (-0.0040)
Sample #3 0.8160 (0.0380) 1.5110 (0.0130)
Sample #4 0.8520 (0.0400) 1.5250 (0.0090)
Avg % Abs 0.8293 (0.0270) 1.5220 (0.0060)
STD DEV 0.0197 (0.0208) 0.0098 (0.0089)
REL STD DEV 2.379 (77.069) 0.647 (148.137)

Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 1.9390 (-0.0190) 3.6350 (-0.0180)
Sample #2 1.9230 (-0.0110) 3.6070 (-0.0070)
Sample #3 1.9570 (-0.0130) 3.6130 (0.0010)
Sample #4 1.9030 (0.0190) 3.5930 (0.0070)
Avg % Abs 1.9277 (-0.0017) 3.6043 (0.0003)
STD DEV 0.0273 (0.0179) 0.0103 (0.0070)
REL STD DEV 1.416 (1075.546) 0.285 (2107.130)

Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 3.6490 (-0.0200) 6.9070 (-0.0050)
Sample #2 3.6310 (-0.0020) 6.9000 (0.0020)
Sample #3 3.6400 (-0.0030) 6.9050 (-0.0060)
Sample #4 3.6460 (0.0190) 6.9110 (0.0160)
Avg % Abs 3.6390 (0.0047) 6.9053 (0.0040)
STD DEV 0.0075 (0.0124) 0.0055 (0.0111)
REL STD DEV 0.207 (266.209) 0.080 (278.388)

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 5.3220 (-0.0260) 10.0060 (-0.0100)
Sample #2 5.3210 (-0.0380) 10.0030 (-0.0020)
Sample #3 5.3400 (-0.0250) 10.0230 (-0.0110)
Sample #4 5.2940 (-0.0160) 9.9910 (-0.0030)
Avg % Abs 5.3183 (-0.0263) 10.0057 (-0.0053)
STD DEV 0.0231 (0.0111) 0.0162 (0.0049)
REL STD DEV 0.435 (42.002) 0.162 (92.492)

SOUTH MIAMI PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001737
12/29/2022 11:06:13

Optical Bench
Calibration Adjustment
✓

Auto Calibration

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<<<< 3um >>>>

Zero Order Coef -337.36
First Order Coef 2615.92
Second Order Coef 25.14

<<<< 9um >>>>

-143.25
1314.02
12.73

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.001	-0.0006
0.040	0.039	0.0012
0.100	0.101	-0.0008
0.200	0.200	0.0002
0.300	0.300	-0.0000

Act (g/210L)	Fit (g/210L)	Residual (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

<<<< 3um >>>>

<<<< 9um >>>>

Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1
Sample

Sample #1	3128.00	3399.00
Sample #2	3183.00	3407.00
Sample #3	3230.00	3413.00
Sample #4	3119.00	3416.00
Avg	3177.3333	3412.0000
STD DEV	55.7165	4.5826
REL STD DEV	1.754	0.134
H2O adjust (mg/l*10k)	632	397

Barometric Pressure = 1024

*****CALIBRATION SUCCESSFUL*****

Post stability checks

SOUTH MIAMI PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001737
12/29/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:52
Control Test	0.049	11:53
Air Blank	0.000	11:53
Control Test	0.048	11:54
Air Blank	0.000	11:55
Control Test	0.048	11:55
Air Blank	0.000	11:56
Control Test Stats		
Average	0.0483	
Std Dev	0.0006	
Rel Std Dev(%)	1.1945	

SOUTH MIAMI PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001737
12/29/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:57
Control Test	0.078	11:57
Air Blank	0.000	11:58
Control Test	0.078	11:59
Air Blank	0.000	11:59
Control Test	0.078	12:00
Air Blank	0.000	12:00
Control Test Stats		
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SOUTH MIAMI PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001737
12/29/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:01
Control Test	0.199	12:02
Air Blank	0.000	12:02
Control Test	0.200	12:03
Air Blank	0.000	12:03
Control Test	0.200	12:04
Air Blank	0.000	12:05
Control Test Stats		
Average	0.1997	
Std Dev	0.0006	
Rel Std Dev(%)	0.2892	

wet

Operator's Signature

Operator's Signature

Operator's Signature

SOUTH MIAMI PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001737
12/29/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:06
Control Test	0.080	12:06
Air Blank	0.000	12:07
Control Test	0.081	12:07
Air Blank	0.000	12:08
Control Test	0.081	12:08
Air Blank	0.000	12:09
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel Std Dev(%)	0.7157	

Dry

Operator's Signature