



Agency Marianna Police Department

S/N 80-001305

Date In 01-06-2023 DI Completion Date 01-09-2023

☐ 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	MP6291	202201C	01-11-2024
0.080	MP6292	202201D	01-18-2024
0.200	MP6293	202201E	01-18-2024
0.080 DGS	N/A	AG113403	05-14-2023

Department Inspection

By IS

Simulator	Serial Number
0.000	MP6289
Interferent	MP6290
0.050	MP6291
0.080	MP6292
0.200	MP6293

☒ 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

Admin Review / Date

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MARIANNA PD
Time of Inspection: 14:08

Date of Inspection: 01/09/2023

Serial Number: 80-001305
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	0.077	0.199	0.080
0.000	0.048	0.077	0.198	0.080
0.000	0.048	0.077	0.198	0.080
0.000	0.049	0.078	0.198	0.079
0.000	0.049	0.078	0.198	0.080
0.000	0.049	0.077	0.198	0.080
0.000	0.049	0.077	0.198	0.080
0.000	0.049	0.077	0.198	0.079
0.000	0.049	0.077	0.198	0.079
0.000	0.050	0.077	0.199	0.080

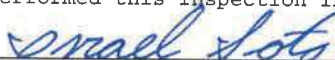
Standard Deviations	0.0005	0.0004	0.0004	0.0004
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 Number of Simulators Used: 5

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
Signature and Printed Name

01/09/2023
Date

stability checks

MARIANNA PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001305
01/06/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:44
Control Test	0.049	14:45
Air Blank	0.000	14:46
Control Test	0.048	14:46
Air Blank	0.000	14:47
Control Test	0.048	14:47
Air Blank	0.000	14:48
Control Test Stats		
Average	0.0483	
Std Dev	0.0006	
Rel Std Dev(%)	1.1945	

MARIANNA PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001305
01/06/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:49
Control Test	0.077	14:50
Air Blank	0.000	14:50
Control Test	0.078	14:51
Air Blank	0.000	14:51
Control Test	0.078	14:52
Air Blank	0.000	14:52
Control Test Stats		
Average	0.0777	
Std Dev	0.0006	
Rel Std Dev(%)	0.7434	

MARIANNA PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001305
01/06/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:53
Control Test	0.197	14:54
Air Blank	0.000	14:55
Control Test	0.198	14:55
Air Blank	0.000	14:56
Control Test	0.197	14:56
Air Blank	0.000	14:57
Control Test Stats		
Average	0.1973	
Std Dev	0.0006	
Rel Std Dev(%)	0.2926	

wet

Operator's Signature

Operator's Signature

Operator's Signature

MARIANNA PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001305
01/06/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:58
Control Test	0.082	14:58
Air Blank	0.000	14:59
Control Test	0.081	14:59
Air Blank	0.000	15:00
Control Test	0.082	15:00
Air Blank	0.000	15:01
Control Test Stats		
Average	0.0817	
Std Dev	0.0006	
Rel Std Dev(%)	0.7070	

Dry

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 80-001305, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001305</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>MARIANNA PD</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>01/09/2023</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>14:08</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: 2023.01.09 15:32:41 -05'00'

01/09/2023

Date

ISRAEL SOTO,

Department Inspector

FDLE/ATP Form 69 March 2022

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

MARIANNA PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001305
01/09/2023 06:40:51

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 0.1330 (-0.0200) 0.1420 (0.0070)
Sample #2 0.1360 (0.0350) 0.1350 (0.0240)
Sample #3 0.0910 (0.0560) 0.1370 (0.0190)
Sample #4 0.1100 (0.0760) 0.1380 (0.0430)
Avg % Abs 0.1123 (0.0557) 0.1367 (0.0287)
STD DEV 0.0226 (0.0205) 0.0015 (0.0127)
REL STD DEV 20.110 (36.830) 1.118 (44.171)

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 0.8540 (-0.0200) 1.5710 (-0.0220)
Sample #2 0.8670 (-0.0340) 1.5880 (-0.0220)
Sample #3 0.8730 (-0.0240) 1.5760 (-0.0050)
Sample #4 0.8420 (-0.0240) 1.5440 (0.0050)
Avg % Abs 0.8607 (-0.0273) 1.5693 (-0.0073)
STD DEV 0.0164 (0.0058) 0.0227 (0.0137)
REL STD DEV 1.910 (21.123) 1.449 (186.142)

Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 1.9550 (-0.0170) 3.6740 (-0.0070)
Sample #2 1.9600 (0.0170) 3.6720 (0.0100)
Sample #3 1.9460 (0.0050) 3.6830 (-0.0010)
Sample #4 1.9450 (0.0390) 3.6880 (0.0010)
Avg % Abs 1.9503 (0.0203) 3.6810 (0.0033)
STD DEV 0.0084 (0.0172) 0.0082 (0.0059)
REL STD DEV 0.430 (84.803) 0.222 (175.784)

Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 3.7070 (-0.0210) 7.0220 (-0.0070)
Sample #2 3.7000 (-0.0170) 7.0150 (-0.0070)
Sample #3 3.6910 (0.0000) 7.0140 (0.0160)
Sample #4 3.6930 (0.0040) 7.0000 (0.0180)
Avg % Abs 3.6947 (-0.0043) 7.0097 (0.0090)
STD DEV 0.0047 (0.0112) 0.0084 (0.0139)
REL STD DEV 0.128 (257.319) 0.120 (154.360)

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 5.3720 (-0.0140) 10.1510 (0.0060)
Sample #2 5.3630 (-0.0050) 10.1280 (0.0290)
Sample #3 5.3660 (-0.0080) 10.1420 (0.0250)
Sample #4 5.3560 (0.0180) 10.1340 (0.0350)
Avg % Abs 5.3617 (0.0017) 10.1347 (0.0297)
STD DEV 0.0051 (0.0142) 0.0070 (0.0050)
REL STD DEV 0.096 (853.464) 0.069 (16.966)

MARIANNA PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001305
01/09/2023 06:40:51

Optical Bench Calibration
Adjustment *df*

Auto Calibration

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<<<< 3um >>>>

Zero Order Coef -284.57
First Order Coef 2513.62
Second Order Coef 38.05

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	-0.000	0.0000
0.040	0.040	-0.0000
0.100	0.100	-0.0000
0.200	0.200	0.0000
0.300	0.300	-0.0000

<<<< 9um >>>>

Zero Order Coef -166.47
First Order Coef 1289.35
Second Order Coef 13.44

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0002
0.040	0.040	0.0003
0.100	0.100	0.0000
0.200	0.200	-0.0002
0.300	0.300	0.0001

<<<< 3um >>>>

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

Sample #1	3070.00	3362.00
Sample #2	3031.00	3366.00
Sample #3	3005.00	3355.00
Sample #4	2979.00	3348.00
Avg	3005.0000	3356.3333
STD DEV	26.0000	9.0738
REL STD DEV	0.865	0.270
H2O adjust (mg/l*10k)	804	453

Barometric Pressure = 1019

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

Post-Stability Checks

ANALYST PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001305
01/09/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:08
Control Test	0.048	10:08
Air Blank	0.000	10:09
Control Test	0.048	10:10
Air Blank	0.000	10:10
Control Test	0.048	10:11
Air Blank	0.000	10:11
Control Test Stats		
Average	0.0480	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

ANALYST PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001305
01/09/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:12
Control Test	0.077	10:13
Air Blank	0.000	10:13
Control Test	0.077	10:14
Air Blank	0.000	10:14
Control Test	0.078	10:15
Air Blank	0.000	10:16
Control Test Stats		
Average	0.0773	
Std Dev	0.0006	
Rel Std Dev(%)	0.7466	

Operator's Signature

ANALYST PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001305
01/09/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:17
Control Test	0.198	10:18
Air Blank	0.000	10:18
Control Test	0.199	10:19
Air Blank	0.000	10:19
Control Test	0.199	10:20
Air Blank	0.000	10:21
Control Test Stats		
Average	0.1987	
Std Dev	0.0006	
Rel Std Dev(%)	0.2906	

Operator's Signature

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ANALYST PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001305
01/09/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:22
Control Test	0.080	10:22
Air Blank	0.000	10:23
Control Test	0.081	10:23
Air Blank	0.000	10:23
Control Test	0.080	10:24
Air Blank	0.000	10:24
Control Test Stats		
Average	0.0803	
Std Dev	0.0006	
Rel Std Dev(%)	0.7187	

Operator's Signature

Dry