Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Hillsborough County SO S/N 80-003388

Date In 4/12/2024 DI Completion Date _____ ❑Ship ❑P/U ❑H/D ❑CMI ❑EE

Intake By BS Date 4/12/2024

■ 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: Purge fail on the 0.20g/210L stability check. AI indicated that instrument has displayed purge fails and ambient fails on several control tests and during breath tests. I recommend repair. DA 4/15/24

Quality Checks By DA Date 4/15/24

■ Breath Tube Screen
■ Replace External O-Rings
■ Instrument Set Up Verified
■ R-Value 188
■ Flow Verification (L/s)
Flow Column # ATP105
32 mm 0.144 (.139 - .169)
36 mm 0.160 (.156 - .190)
53 mm 0.234 (.228 - .278)
103 mm 0.511 (.447 - .547)
■ Barometric Pressure Check
Gauge ID # 28663
■ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	MP5088	202303K 03/29/2025
0.080	MP5089	202303L 03/29/2025
0.200	MP5090	202304C 04/05/2025
0.080 DGS	N/A	06723080A5 04/05/2025

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 _____

Calibration Adjustment By_____

Barometric Pressure Gauge _____ ID #_____

Simulator	Serial #	Lot #	Expiration
0.000		N/A	N/A
0.040			
0.100			
0.200			
0.300			
0.080 DGS	N/A		

❑ Post Calibration Adjustment Stability Checks

Simulator	Serial #	Lot #	Expiration
0.050			
0.080			
0.200			
0.080 DGS	N/A		

Department Inspection By _____

Barometric Pressure ID# _____
Gauge _____ Instrument _____
Mouth Alcohol Solution Lot # _____
Acetone Stock Solution Lot # _____

Simulator	Serial Number
0.000	
Interferent	
0.050	
0.080	
0.200	

Attachments

❑ Form 41
❑ Stability Checks
❑ Calibration Certificate
❑ Calibration Adjustment
❑ Post-Stability Checks
❑ Flow Calibration
❑ Form 40
❑ Other _____

Notes/Suggested Service: Instrument sent to repair 4/17/24

❑ **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**

_____ _____
Tech Review / Date Admin Review / Date

Stability Checks 80-003388 DA 4/15/24

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003388
04/15/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:17
Control Test	0.050	11:18
Air Blank	0.000	11:19
Control Test	0.049	11:19
Air Blank	0.000	11:20
Control Test	0.050	11:21
Air Blank	0.000	11:21
Control Test Stats		
Average	0.0497	
Std Dev	0.0006	
Rel Std Dev(%)	1.1625	

Operator's Signature

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003388
04/15/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:22
Control Test	0.082	11:23
Air Blank	0.000	11:24
Control Test	0.079	11:24
Air Blank	0.000	11:25
Control Test	0.080	11:26
Air Blank	0.000	11:26
Control Test Stats		
Average	0.0803	
Std Dev	0.0015	
Rel Std Dev(%)	1.9015	

Operator's Signature

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003388
04/15/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:29
Control Test	0.202	11:29
Air Blank	0.000	11:30
Control Test	0.199	11:31
Air Blank	0.000	11:31
Control Test	0.204	11:32
Air Blank	PUR*	11:33
Air Blank	0.000	11:33

*Purge Fail

Operator's Signature

AI indicated that instrument regularly displays purge or ambient fails during breath tests and control tests so I recommend repair. 4/15/24 DA

DGS

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003388
04/15/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:39
Control Test	0.080	11:39
Air Blank	0.000	11:40
Control Test	0.080	11:40
Air Blank	0.000	11:41
Control Test	0.079	11:41
Air Blank	0.000	11:41
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

Operator's Signature

Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Hillsborough County SO S/N 80-003388

Date In 01-05-2024 DI Completion Date 1/26/2024 ■Ship ❑P/U ❑H/D ❑CMI ❑EE

Intake By ALL

■ 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:

Quality Checks By IS Date 1-08-2024

■ Breath Tube Screen
■ Replace External O-Rings
■ Instrument Set Up Verified
■ R-Value 189
■ Flow Verification (L/s)
Flow Column # ATP-105
32 mm 0.148 (.139 - .169)
36 mm 0.164 (.156 - .190)
53 mm 0.238 (.228 - .278)
103 mm 0.515 (.447 - .547)
■ Barometric Pressure Check
Gauge ID # 28421
■ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	MP6291	202303K 03-29-2025
0.080	MP6292	202303L 03-29-2025
0.200	MP6293	202304C 04-05-2025
0.080 DGS	N/A	AG229803 10-25-2024

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 BS

Barometric Pressure Gauge 1019 ID # 30793

Simulator	Serial #	Lot #	Expiration
0.000	MP5091	N/A	N/A
0.040	MP5082	22460	12/28/2024
0.100	MP5083	23390	10/17/2025
0.200	MP5084	23340	9/18/2025
0.300	MP5085	23070	3/6/2025
0.080 DGS	N/A	06723080A5	4/5/2025

■ Post Calibration Adjustment Stability Checks

Simulator	Serial #	Lot #	Expiration
0.050	MP5088	202303K	3/29/2025
0.080	MP5089	202303L	3/29/2025
0.200	MP5090	202304C	4/5/2025
0.080 DGS	N/A	AG310901	4/19/2025

Department Inspection By PN

Barometric Pressure ID# 28421
Gauge 1019 Instrument 1019
Mouth Alcohol Solution Lot # 2023-A
Acetone Stock Solution Lot # 2022-B

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

Attachments

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

Notes/Suggested Service: Wet and Dry 0.080 g/210L Stability Check avg. differed greater than 0.003. BS ~~Performed~~* calibration adjustment 1/25/2024. RFI from cell phone during calibration adjustment, removed it from the area. Fault detected, confirmed simulator was not leaking and repeated 0.040 and 0.100 adjustments. (BS). Simulator port loose during 0.200 g/210L test; connnection was secured, test repeated. PN 1/26/2024
*Performed (BS 1/29/2024)

■ **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 Digitally signed by Taylor Gutschow Date: 2024.01.29 14:59:57 -05'00'
Tech Review / Date

Shayla Platt Digitally signed by Shayla Platt Date: 2024.01.31 09:54:31 -05'00'
Admin Review / Date

Tech Review: corrected typo with asterisk (BS 1/29/2024)

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: HILLSBOROUGH CO SO
Time of Inspection: 13:06
Date of Inspection: 01/26/2024
Serial Number: 80-003388
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#:AG310901 Exp: 04/19/2025
0.000	0.052	0.080	0.000 / 0.201	0.080
0.000	0.051	0.081	0.200 / 0.202	0.080
0.000	0.051	0.080	0.199 / 0.201	0.080
0.000	0.051	0.080	0.198 / 0.200	0.080
0.000	0.051	0.083	0.201 / 0.202	0.080
0.000	0.051	0.084	0.200 / 0.201	0.080
0.000	0.051	0.083	0.200 / 0.202	0.079
0.000	0.051	0.084	0.201 / 0.202	0.080
0.000	0.053	0.083	0.201 / 0.201	0.079
0.000	0.053	0.084	0.201 / 0.202	0.080
Standard Deviations	0.0008	0.0017	0.0632 / 0.0006	0.0004

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0008 Number of Simulators Used: 5

Remarks:
20: Control Outside Tolerance SIMULATOR PORT WAS LOOSE .

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.

PHIL NICODEMO
Signature and Printed Name

01/26/2024
Date

Stability Checks

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003388
01/08/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:21
Control Test	0.049	12:22
Air Blank	0.000	12:23
Control Test	0.050	12:23
Air Blank	0.000	12:24
Control Test	0.048	12:25
Air Blank	0.000	12:25
Control Test Stats		
Average	0.0490	
Std Dev	0.0010	
Rel Std Dev(%)	2.0408	

Operator's Signature

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003388
01/08/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:32
Control Test	0.079	12:32
Air Blank	AMB*	12:33
Air Blank	0.000	12:34

*Ambient Fail

wet #1

Cleared area and repeated test

Operator's Signature

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003388
01/08/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:39
Control Test	0.079	12:40
Air Blank	0.000	12:40
Control Test	0.079	12:41
Air Blank	0.000	12:42
Control Test	0.079	12:42
Air Blank	0.000	12:43
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

wet #2

Operator's Signature

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003388
01/08/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:44
Control Test	0.197	12:45
Air Blank	0.000	12:45
Control Test	0.196	12:46
Air Blank	0.000	12:47
Control Test	0.196	12:47
Air Blank	0.000	12:48
Control Test Stats		
Average	0.1963	
Std Dev	0.0006	
Rel Std Dev(%)	0.2941	

Operator's Signature

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003388
01/08/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:49
Control Test	0.083	12:49
Air Blank	0.000	12:50
Control Test	0.083	12:50
Air Blank	0.000	12:51
Control Test	0.082	12:51
Air Blank	0.000	12:51
Control Test Stats		
Average	0.0827	
Std Dev	0.0006	
Rel Std Dev(%)	0.6984	

Dry

Operator's Signature

Optical Bench Calibration Adjustment

```
HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000                    SN 80-003388
01/25/2024                        12:08:13

Auto Calibration
Max Power Res Value = 57
Auto Range Res Value = 51

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12628, 9um Io = 13692
     <<<<<  CHANNEL 1  >>>>>
 Sample       % Abs     (% Abs Ref)
Sample #1 = -0.0090     (0.0240)
Sample #2 =  0.0570     (0.0850)
Sample #3 =  0.0440     (0.2090)
Sample #4 =  0.0170     (0.2410)
Avg % Abs = 0.0393  (0.1783)
STD DEV =  0.0204  (0.0824)
REL STD DEV = 51.875  (46.204)
     -------------------

     <<<<<  CHANNEL 2  >>>>>
 Sample       % Abs     (% Abs Ref)
Sample #1 =  0.0870     (0.0000)
Sample #2 =  0.1370     (0.0270)
Sample #3 =  0.1430     (0.0730)
Sample #4 =  0.1180     (0.1030)
Avg % Abs = 0.1327  (0.0677)
STD DEV =  0.0131  (0.0383)
REL STD DEV = 9.838  (56.571)
     -------------------

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12557, 9um Io = 13652
     <<<<<  CHANNEL 1  >>>>>
 Sample       % Abs     (% Abs Ref)
Sample #1 =  0.4680     (0.0810)
Sample #2 =  0.7600     (-0.0740)
Sample #3 =  0.6260     (0.0470)
Sample #4 =  0.7000     (-0.0060)
Avg % Abs = 0.6953  (-0.0110)
STD DEV =  0.0671  (0.0607)
REL STD DEV = 9.653  (551.407)
     -------------------
```

```
     <<<<<  CHANNEL 2  >>>>>
 Sample       % Abs     (% Abs Ref)
Sample #1 =  1.3090     (0.0720)
Sample #2 =  1.4620     (-0.0240)
Sample #3 =  1.4160     (0.0240)
Sample #4 =  1.4540     (0.0100)
Avg % Abs = 1.4440  (0.0033)
STD DEV =  0.0246  (0.0247)
REL STD DEV = 1.702  (740.540)
     -------------------

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12550, 9um Io = 13649
     <<<<<  CHANNEL 1  >>>>>
 Sample       % Abs     (% Abs Ref)
Sample #1 =  0.7750     (-0.0370)
Sample #2 =  0.7240     (-0.0710)
Sample #3 =  0.7290     (-0.0310)
Sample #4 =  0.7820     (0.0080)
Avg % Abs = 0.7450  (-0.0313)
STD DEV =  0.0321  (0.0395)
REL STD DEV = 4.314  (126.067)
     -------------------

     <<<<<  CHANNEL 2  >>>>>
 Sample       % Abs     (% Abs Ref)
Sample #1 =  1.4900     (-0.0110)
Sample #2 =  1.4590     (-0.0260)
Sample #3 =  1.4430     (0.0000)
Sample #4 =  1.4550     (0.0410)
Avg % Abs = 1.4523  (0.0050)
STD DEV =  0.0083  (0.0338)
REL STD DEV = 0.573  (675.574)
     -------------------

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12538, 9um Io = 13639
     <<<<<  CHANNEL 1  >>>>>
 Sample       % Abs     (% Abs Ref)
Sample #1 =  1.5910     (-0.0360)
Sample #2 =  1.5610     (-0.0450)
Sample #3 =  1.7320     (-0.0420)
Sample #4 =  1.5680     (-0.0030)
Avg % Abs = 1.6537  (-0.0300)
STD DEV =  0.0822  (0.0234)
REL STD DEV = 4.974  (78.102)
     -------------------
```

```
     <<<<<  CHANNEL 2  >>>>>
 Sample       % Abs     (% Abs Ref)
Sample #1 =  3.4100     (-0.0430)
Sample #2 =  3.3690     (-0.0240)
Sample #3 =  3.4150     (-0.0160)
Sample #4 =  3.3310     (0.0050)
Avg % Abs = 3.3717  (-0.0117)
STD DEV =  0.0421  (0.0150)
REL STD DEV = 1.248  (128.381)
     -------------------

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12556, 9um Io = 13654
     <<<<<  CHANNEL 1  >>>>>
 Sample       % Abs     (% Abs Ref)
Sample #1 =  1.7250     (0.0870)
Sample #2 =  1.6350     (0.2410)
Sample #3 =  1.5060     (0.2670)
Sample #4 =  1.6240     (0.3270)
Avg % Abs = 1.5883  (0.2783)
STD DEV =  0.0715  (0.0441)
REL STD DEV = 4.502  (15.846)
     -------------------

     <<<<<  CHANNEL 2  >>>>>
 Sample       % Abs     (% Abs Ref)
Sample #1 =  3.4330     (0.0670)
Sample #2 =  3.3750     (0.1760)
Sample #3 =  3.2970     (0.1810)
Sample #4 =  3.3070     (0.2230)
Avg % Abs = 3.3263  (0.1933)
STD DEV =  0.0424  (0.0258)
REL STD DEV = 1.276  (13.352)
     -------------------

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12522, 9um Io = 13632
     <<<<<  CHANNEL 1  >>>>>
 Sample       % Abs     (% Abs Ref)
Sample #1 =  1.6930     (0.0230)
Sample #2 =  1.7170     (-0.0090)
Sample #3 =  1.7500     (0.0060)
Sample #4 =  1.6850     (0.1030)
Avg % Abs = 1.7173  (0.0333)
STD DEV =  0.0325  (0.0608)
REL STD DEV = 1.893  (182.392)
     -------------------
```

```
     <<<<<  CHANNEL 2  >>>>>
 Sample       % Abs     (% Abs Ref)
Sample #1 =  3.4040     (-0.0130)
Sample #2 =  3.3940     (0.0020)
Sample #3 =  3.4040     (0.0210)
Sample #4 =  3.3810     (0.0540)
Avg % Abs = 3.3930  (0.0257)
STD DEV =  0.0115  (0.0263)
REL STD DEV = 0.340  (102.515)
     -------------------

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12510, 9um Io = 13624
     <<<<<  CHANNEL 1  >>>>>
 Sample       % Abs     (% Abs Ref)
Sample #1 =  3.2530     (0.0560)
Sample #2 =  3.3030     (0.0220)
Sample #3 =  3.2470     (0.1180)
Sample #4 =  3.2870     (0.0300)
Avg % Abs = 3.2790  (0.0567)
STD DEV =  0.0288  (0.0533)
REL STD DEV = 0.880  (94.000)
     -------------------

     <<<<<  CHANNEL 2  >>>>>
 Sample       % Abs     (% Abs Ref)
Sample #1 =  6.5060     (0.0190)
Sample #2 =  6.4610     (0.0610)
Sample #3 =  6.4200     (0.1070)
Sample #4 =  6.4060     (0.0790)
Avg % Abs = 6.4290  (0.0823)
STD DEV =  0.0286  (0.0232)
REL STD DEV = 0.445  (28.154)
     -------------------

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12509, 9um Io = 13627
     <<<<<  CHANNEL 1  >>>>>
 Sample       % Abs     (% Abs Ref)
Sample #1 =  3.7100     (0.1000)
Sample #2 =  4.7540     (0.0340)
Sample #3 =  4.8100     (-0.0620)
Sample #4 =  4.5820     (0.0780)
Avg % Abs = 4.7153  (0.0167)
STD DEV =  0.1188  (0.0716)
REL STD DEV = 2.520  (429.549)
     -------------------
```

Benjain Sibley

```
     <<<<<  CHANNEL 2  >>>>>
 Sample       % Abs     (% Abs Ref)
Sample #1 =  7.4370     (0.0450)
Sample #2 =  9.3550     (0.0400)
Sample #3 =  9.3090     (0.0000)
Sample #4 =  9.2190     (0.0710)
Avg % Abs = 9.2943  (0.0370)
STD DEV =  0.0692  (0.0356)
REL STD DEV = 0.744  (96.203)
     -------------------

     ***** AUTO CAL DATA *****
     <<<<<  CHANNEL 1  >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs =    0.039
 Std Dev =   0.02 Rel Std Dev =  51.88
Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs =    0.745
 Std Dev =   0.03 Rel Std Dev =   4.31
Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs =    1.717
 Std Dev =   0.03 Rel Std Dev =   1.89
Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs =    3.279
 Std Dev =   0.03 Rel Std Dev =   0.88
Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs =    4.715
 Std Dev =   0.12 Rel Std Dev =   2.52
Zero Order Coef = -116.15
First Order Coef = 2693.27
Second Order Coef =  76.40
Standard Deviation =  21.297138
-------------------
     <<<<<  CHANNEL 2  >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs =    0.133
 Std Dev =   0.01 Rel Std Dev =   9.84
Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs =    1.452
 Std Dev =   0.01 Rel Std Dev =   0.57
Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs =    3.393
 Std Dev =   0.01 Rel Std Dev =   0.34
Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs =    6.429
 Std Dev =   0.03 Rel Std Dev =   0.44
Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs =    9.294
 Std Dev =   0.07 Rel Std Dev =   0.74
Zero Order Coef = -180.50
First Order Coef = 1403.15
Second Order Coef =  16.49
Standard Deviation =   8.183065
-------------------
```

Optical Bench Calibration Adjustment

80-003388
1/25/2024

Solution Stats Quadratic Fit Chan 1		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.000	0.0002
0.040	0.041	-0.0006
0.100	0.099	0.0006
0.200	0.200	-0.0003
0.300	0.300	0.0001

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	0.0003
0.100	0.100	-0.0002
0.200	0.200	0.0000
0.300	0.300	0.0000

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 3432.00
Sample #2 = 3330.00
Sample #3 = 3383.00
Sample #4 = 3348.00
Average Result = 3353.6667
STD DEV = 26.9506
REL STD DEV = 0.804
****
***** CHANNEL 2
Sample #1 = 3382.00
Sample #2 = 3310.00
Sample #3 = 3342.00
Sample #4 = 3321.00
Average Result = 3324.3333
STD DEV = 16.2583
REL STD DEV = 0.489
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1017
3 um H2O Adjust (mg/l*10,000) = 456
9 um H2O Adjust (mg/l*10,000) = 485
**** AUTO CAL PASS

Post Calibration Adjustment Stability Checks

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003388
01/25/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	16:32
Control Test	0.050	16:33
Air Blank	0.000	16:34
Control Test	0.049	16:34
Air Blank	0.000	16:35
Control Test	0.049	16:36
Air Blank	0.000	16:36
Control Test Stats		
Average	0.0493	
Std Dev	0.0006	
Rel Std Dev(%)	1.1703	

Benjam Sibley
Operator's Signature

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003388
01/25/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	16:37
Control Test	0.080	16:38
Air Blank	0.000	16:39
Control Test	0.079	16:39
Air Blank	0.000	16:40
Control Test	0.078	16:41
Air Blank	0.000	16:41
Control Test Stats		
Average	0.0790	
Std Dev	0.0010	
Rel Std Dev(%)	1.2658	

Benjam Sibley
Operator's Signature

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003388
01/25/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	16:42
Control Test	0.199	16:43
Air Blank	0.000	16:43
Control Test	0.198	16:44
Air Blank	0.000	16:44
Control Test	0.200	16:45
Air Blank	0.000	16:46
Control Test Stats		
Average	0.1990	
Std Dev	0.0010	
Rel Std Dev(%)	0.5025	

Benjam Sibley
Operator's Signature

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003388
01/25/2024
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	16:59
Control Test	0.079	16:59
Air Blank	0.000	17:00
Control Test	0.079	17:00
Air Blank	0.000	17:00
Control Test	0.080	17:01
Air Blank	0.000	17:01
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

DGS

Benjam Sibley
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 80-003388 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

			UNCERTAINTY* ±
Serial Number:	80-003388		
Owning Agency:	HILLSBOROUGH CO SO	0.050 g/ 210 L	0.004
Calibration Date:	01/26/2024	0.080 g/ 210 L	0.004
Calibration Time:	13:06	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.

01/26/2024
Date

Phil Nicodemo
Digitally signed by Phil Nicodemo
Date: 2024.01.26 14:32:59 -05'00'

PHIL NICODEMO,
Department Inspector