



Agency Hillsborough County Sheriff's Office

S/N 80-007158

Date In 09-08-2023 DI Completion Date

☐ Ship ☐ P/U ☐ H/D ☒ CMI ☐ EE

Calibration Adjustment

By IS

Barometric Pressure Gauge 1009/1012 ID # 28427

■ Post Calibration Adjustment Stability Checks

Department Inspection

By _____

Barometric Pressure ID# _____

Gauge _____ Instrument _____

Mouth Alcohol Solution Lot # _____

Acetone Stock Solution Lot #

Attachments

☐ 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**

Notes/Suggested Service: Instrument had Interferent
Detect and Purge Fail during Stability Checks.
Stability Check values outside nominal range. Optical
Bench Calibration Adjustment performed. Post Stability
Check values outside nominal range. Second Optical
Bench Calibration Adjustment performed, all equipment
serial #'s and solution information remained the same.
Second 0.040 g/210 solution adjustment: Lot # 22460

Exp: 12-28-2024. Instrument had Fault Detect on 0.040 g/210L test during second calibration adjustment. Sending instrument to repair. Compliance with 11D-8 not determined. IS

Tech Review / Date


Admin Review / Date

stability checks

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007158
09/11/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:46
Control Test	INT*	13:47
Air Blank	PUR**	13:47
Air Blank	PUR**	13:48


*Interferent Detect
**Purge Fail


Operator's Signature

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007158
09/11/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:50
Control Test	0.083	13:51
Air Blank	0.000	13:51
Control Test	0.088	13:52
Air Blank	0.000	13:52
Control Test	0.087	13:53
Air Blank	0.000	13:54
Control Test Stats		
Average	0.0860	
Std Dev	0.0026	
Rel Std Dev(%)	3.0765	

wet


Operator's Signature

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007158
09/11/2023
Software: 8100.27


Test	g/210L	Time
Air Blank	0.000	13:55
Control Test	0.201	13:55
Air Blank	0.000	13:56
Control Test	0.202	13:57
Air Blank	0.000	13:57
Control Test	0.197	13:58
Air Blank	0.000	13:59
Control Test Stats		
Average	0.2000	
Std Dev	0.0026	
Rel Std Dev(%)	1.3229	


Operator's Signature

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007158
09/11/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:00
Control Test	0.076	14:01
Air Blank	0.000	14:01
Control Test	0.078	14:02
Air Blank	0.000	14:02
Control Test	0.078	14:02
Air Blank	0.000	14:03
Control Test Stats		
Average	0.0773	
Std Dev	0.0012	
Rel Std Dev(%)	1.4932	

dry


Operator's Signature

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007158
09/15/2023 08:43:23

Optical Bench
Calibration Adjustment

Handwritten signature

Auto Calibration

pg 1 of 2

<<<< 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	0.0970	(-0.0100)	0.0230	(-0.0040)
Sample #2	0.0800	(0.0360)	0.1130	(-0.1270)
Sample #3	0.1450	(0.0140)	0.1760	(-0.1600)
Sample #4	0.0880	(0.0680)	0.1580	(-0.1440)
Avg % Abs	0.1043	(0.0393)	0.1490	(-0.1437)
STD DEV	0.0354	(0.0272)	0.0324	(0.0165)
REL STD DEV	33.973	(69.035)	21.778	(11.487)

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.8370	(-0.0080)	1.5110	(-0.0010)
Sample #2	0.8430	(0.0020)	1.4120	(0.0710)
Sample #3	0.8630	(0.0140)	1.4840	(0.0560)
Sample #4	0.8630	(0.0270)	1.4610	(0.0590)
Avg % Abs	0.8563	(0.0143)	1.4523	(0.0620)
STD DEV	0.0115	(0.0125)	0.0368	(0.0079)
REL STD DEV	1.348	(87.233)	2.532	(12.802)

Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	2.0130	(-0.0180)	3.5000	(-0.0070)
Sample #2	1.9470	(0.0320)	3.3680	(0.0850)
Sample #3	1.9560	(0.0230)	3.3950	(0.0860)
Sample #4	1.9730	(0.0300)	3.3400	(0.0830)
Avg % Abs	1.9587	(0.0283)	3.3677	(0.0847)
STD DEV	0.0132	(0.0047)	0.0275	(0.0015)
REL STD DEV	0.674	(16.679)	0.817	(1.804)

Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	3.7460	(-0.0080)	6.5210	(-0.0080)
Sample #2	3.7390	(0.0310)	6.4530	(0.0940)
Sample #3	3.7520	(0.0260)	6.3270	(0.1950)
Sample #4	3.7580	(0.0360)	6.2830	(0.2760)
Avg % Abs	3.7497	(0.0310)	6.3543	(0.1883)
STD DEV	0.0097	(0.0050)	0.0882	(0.0912)
REL STD DEV	0.259	(16.129)	1.389	(48.416)

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	5.4910	(-0.0010)	9.2750	(0.0140)
Sample #2	5.4450	(0.0500)	9.2550	(0.0740)
Sample #3	5.4980	(0.0400)	9.2330	(0.0590)
Sample #4	5.4600	(0.0780)	9.2850	(0.0890)
Avg % Abs	5.4677	(0.0560)	9.2577	(0.0740)
STD DEV	0.0273	(0.0197)	0.0261	(0.0150)
REL STD DEV	0.500	(35.174)	0.282	(20.270)

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007158
09/15/2023 08:43:23

Optical Bench
Calibration Adjustment
✓

pg 2 of 2

Auto Calibration

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

Zero Order Coef -259.93
First Order Coef 2504.62
Second Order Coef 28.39

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	0.0002
0.200	0.200	-0.0001
0.300	0.300	0.0001

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

-222.85
1443.61
13.46

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	-0.000	0.0002
0.040	0.040	0.0001
0.100	0.101	-0.0006
0.200	0.199	0.0006
0.300	0.300	-0.0002

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

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

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

Sample		3463.00
Sample #1	3096.00	3452.00
Sample #2	3088.00	3461.00
Sample #3	3093.00	3420.00
Sample #4	3024.00	3444.3333
Avg	3068.3333	21.5484
STD DEV	38.4751	0.626
REL STD DEV	1.254	365
H2O adjust (mg/l*10k)	741	

Barometric Pressure = 1009

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

Post stability checks

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007158
09/15/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:38
Control Test	0.054	10:38
Air Blank	0.000	10:39
Control Test	0.053	10:40
Air Blank	0.000	10:40
Control Test	0.054	10:41
Air Blank	0.000	10:41
Control Test Stats		
Average	0.0537	
Std Dev	0.0006	
Rel Std Dev(%)	1.0758	

Operator's Signature

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007158
09/15/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:45
Control Test	0.084	10:45
Air Blank	0.000	10:46
Control Test	0.083	10:47
Air Blank	0.000	10:47
Control Test	0.084	10:48
Air Blank	0.000	10:49
Control Test Stats		
Average	0.0837	
Std Dev	0.0006	
Rel Std Dev(%)	0.6901	

wet

Operator's Signature

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007158
09/15/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:49
Control Test	0.204	10:50
Air Blank	0.000	10:51
Control Test	0.204	10:51
Air Blank	0.000	10:52
Control Test	0.203	10:53
Air Blank	0.000	10:53
Control Test Stats		
Average	0.2037	
Std Dev	0.0006	
Rel Std Dev(%)	0.2835	

Operator's Signature

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007158
09/15/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:55
Control Test	0.080	10:56
Air Blank	0.000	10:56
Control Test	0.079	10:57
Air Blank	0.000	10:57
Control Test	0.080	10:57
Air Blank	0.000	10:58
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

Dry

Operator's Signature

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007158
09/22/2023 09:20:29

Optical Bench
calibration Adjustment
✓

Auto Calibration

pg 1 of 2

<<<< 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 0.0700 (0.0010) 0.1250 (-0.0070)
Sample #2 0.1170 (-0.0220) 0.1280 (-0.0180)
Sample #3 0.0930 (0.0020) -0.2170 (0.3340)
Sample #4 0.1180 (-0.0030) -0.2090 (0.3360)
Avg % Abs 0.1093 (-0.0077) -0.0993 (0.2173)
STD DEV 0.0142 (0.0127) 0.1969 (0.2038)
REL STD DEV 12.946 (165.160) 198.239 (93.776)

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 0.8650 (-0.0020) 1.4430 (-0.0190)
Sample #2 0.8430 (0.0200) 1.1130 (0.3360)
Sample #3 0.8550 (0.0240) 1.2390 (0.2860)
Sample #4 0.8290 (0.0340) 1.5380 (-0.0380)
Avg % Abs 0.8423 (0.0260) 1.2967 (0.1947)
STD DEV 0.0130 (0.0072) 0.2183 (0.2030)
REL STD DEV 1.545 (27.735) 16.835 (104.301)

Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 0.0000 (0.0000) 0.0000 (0.0000)
Sample #2 0.0000 (0.0000) 0.0000 (0.0000)
Sample #3 0.0000 (0.0000) 0.0000 (0.0000)
Sample #4 0.0000 (0.0000) 0.0000 (0.0000)
Avg % Abs 0.0000 (0.0000) 0.0000 (0.0000)
STD DEV 0.0000 (0.0000) 0.0000 (0.0000)
REL STD DEV 0.000 (0.000) 0.000 (0.000)

Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 0.0000 (0.0000) 0.0000 (0.0000)
Sample #2 0.0000 (0.0000) 0.0000 (0.0000)
Sample #3 0.0000 (0.0000) 0.0000 (0.0000)
Sample #4 0.0000 (0.0000) 0.0000 (0.0000)
Avg % Abs 0.0000 (0.0000) 0.0000 (0.0000)
STD DEV 0.0000 (0.0000) 0.0000 (0.0000)
REL STD DEV 0.000 (0.000) 0.000 (0.000)

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 0.0000 (0.0000) 0.0000 (0.0000)
Sample #2 0.0000 (0.0000) 0.0000 (0.0000)
Sample #3 0.0000 (0.0000) 0.0000 (0.0000)
Sample #4 0.0000 (0.0000) 0.0000 (0.0000)
Avg % Abs 0.0000 (0.0000) 0.0000 (0.0000)
STD DEV 0.0000 (0.0000) 0.0000 (0.0000)
REL STD DEV 0.000 (0.000) 0.000 (0.000)

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007158
09/22/2023 09:20:29

Optical Bench
calibration Adjustment
pg 2 of 2

Auto Calibration

<<<< 3um >>>>

Zero Order Coef -259.93
First Order Coef 2504.62
Second Order Coef 28.39

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0003
0.040	0.039	0.0007
0.100	-0.005	0.1055
0.200	-0.005	0.2055
0.300	-0.005	0.3055

<<<< 9um >>>>

-222.85
1443.61
13.46

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	0.0000
0.040	0.000	0.0400
0.100	0.000	0.1000
0.200	0.000	0.2000
0.300	0.000	0.3000

<<<< 3um >>>>

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

Sample #1	0.00	0.00
Sample #2	0.00	0.00
Sample #3	0.00	0.00
Sample #4	0.00	0.00
Avg	0.0000	0.0000
STD DEV	0.0000	0.0000
REL STD DEV	0.000	0.000
H2O adjust (mg/l*10k)	741	365

Barometric Pressure = 0

*****CALIBRATION FAILED*****

Fault Detect on 0.040 g/210L test.
Adjustment stopped, sending instrument to
repair. ✓

Return Material Authorization

Ship to: ☒ CMI, Inc.

☐ Enforcement Electronics

Shipment to repair facility authorized by: Stephanie Knox on 09-22-2023

Items Returned: Instrument ☒ Supplies ☐ Other ☐ Describe: _____

Instrument Model: Intoxilyzer 8000 Serial Number: 80-007158

Bill To Address:

Hillsborough County Sheriff's Office

Florida

Ship to Address:

FDLE Off-Site Mail Facility

c/o Florida Dept of Law Enforcement

Alcohol Testing Program

813 B Lake Bradford Road

Tallahassee, FL 32304

Reason for Return:

Instrument produced Interferent Detect and Purge Fail during a 0.050 g/210L stability test.

An optical bench calibration adjustment was performed. Stability tests after adjustment were outside nominal range. A second optical bench calibration adjustment was performed.

Instrument had Fault Detect on 0.040 g/210L test during adjustment. See included paperwork.

Please choose one of the following options:

☐ 1. I _____, authorize all repairs.

☐ 2. I _____, authorize repairs up to \$_____.

☒ 3. I require an estimate **BEFORE** any repairs will be authorized and/ or conducted.

Please contact: Name: Stephanie Knox

Phone #: 813-247-8361 Email: sknox@teamhcso.com

ATP Contact Name: Israel Soto ATP Email: israelsoto@fdle.state.fl.us

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: Hillsborough CO SO
Time of Inspection:

Date of Inspection:

Serial Number: 80-007158
Software: 8100.27

Check or Test	YES	NO	Check or Test	YES	NO
Diagnostic Check (Pre-Inspection): OK			Date and/or Time Adjusted		
Minimum Sample Volume Check: OK			Barometric Pressure Sensor Check: OK		
Alcohol Free Subject Test: 0.000			Mouth Alcohol Test: Slope Not Met		
Interferent Detect Test: Interferent Detect			Diagnostic Check (Post-Inspection): OK		

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#: Exp:	0.08g/210L Test (g/210L) Lot#: Exp:	0.20g/210L Test (g/210L) Lot#: Exp:	0.08 g/210L Dry Gas Std Test (g/210L) Lot#: Exp:

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

Remarks: Compliance not determined for 2023, instrument at repair facility.

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

01-05-2024
Date