

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: PINELLAS COUNTY SO
Time of Inspection: 17:11

Date of Inspection: 01/24/2018

Serial Number: 80-000888
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#:201707D Exp: 07/25/2019	0.08g/210L Test (g/210L) Lot#:201707E Exp: 07/25/2019	0.20g/210L Test (g/210L) Lot#:201707C Exp: 07/24/2019	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG708807 Exp: 03/29/2019
0.000	0.049	0.081	0.200	0.077
0.000	0.050	0.081	0.201	0.078
0.000	0.050	0.082	0.201	0.078
0.000	0.050	0.082	0.201	0.078
0.000	0.050	0.081	0.201	0.078
0.000	0.050	0.081	0.200	0.078
0.000	0.049	0.082	0.201	0.078
0.000	0.050	0.081	0.200	0.077
0.000	0.050	0.081	0.200	0.077
0.000	0.049	0.081	0.200	0.077

Standard Deviations	0.0004	0.0004	0.0005	0.0005
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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.

Danielle M Bell

DANIELLE M BELL

Signature and Printed Name

01/24/2018
Date

SP

1/26/18
JD

Stability Checks # 80-000888 Pinellas County S.D. 1/22/18 *QMS*

QMS

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000888
01/22/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	16:04
Control Test	0.050	16:04
Air Blank	0.000	16:05
Control Test	0.051	16:05
Air Blank	0.000	16:06
Control Test	0.051	16:07
Air Blank	0.000	16:07
Control Test Stats		
Average	0.0507	
Std Dev	0.0006	
Rel Std Dev(%)	1.1395	

QMS
Operator's Signature

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000888
01/22/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	16:08
Control Test	0.082	16:09
Air Blank	0.000	16:09
Control Test	0.083	16:10
Air Blank	0.000	16:11
Control Test	0.082	16:11
Air Blank	0.000	16:12
Control Test Stats		
Average	0.0823	
Std Dev	0.0006	
Rel Std Dev(%)	0.7012	

QMS
Operator's Signature

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000888
01/22/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	16:13
Control Test	0.201	16:14
Air Blank	0.000	16:14
Control Test	0.201	16:15
Air Blank	0.000	16:15
Control Test	0.202	16:16
Air Blank	0.000	16:17
Control Test Stats		
Average	0.2013	
Std Dev	0.0006	
Rel Std Dev(%)	0.2868	

QMS
Operator's Signature

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000888
01/22/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	16:18
Control Test	0.083	16:18
Air Blank	0.000	16:19
Control Test	0.082	16:19
Air Blank	0.000	16:19
Control Test	0.083	16:20
Air Blank	0.000	16:20
Control Test Stats		
Average	0.0827	
Std Dev	0.0006	
Rel Std Dev(%)	0.6984	

SRP

QMS
Operator's Signature

*1/22/18
QMS*



Florida Department of Law Enforcement
 Alcohol Testing Program
 2729 Fort Knox Blvd.
 Bldg. 2, Suite 1300
 Tallahassee, FL 32308

Calibration Certificate

This is to certify the calibration of Intoxilyzer 8000 serial number 80-000888, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000888</u>	UNCERTAINTY* ±
Owning Agency:	<u>PINELLAS COUNTY SO</u>	0.05 g/ 210 L
Calibration Date:	<u>01/24/2018</u>	0.08 g/ 210 L
Calibration Time:	<u>17:11</u>	0.20 g/ 210 L
		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% level of confidence (k=3).

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. Thermometer temperatures are checked with NIST traceable Eutechnics 4400 digital thermometers calibrated by Precision Metrology in accordance with ISO/ IEC 17025 standards.

Dry gas control measurements are traceable to NIST through the uses 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.

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01/24/2018

Date


DANIELLE M BELL,
 Department Inspector

FDLE/ATP Form 69 January 2018
 Issuing Authority: Alcohol Testing Program

SP

1/26/18
 SP

Optical Bench Calibration Adjustment Data #80-000888 Pinellas County S.O. '12/18

PINELLAS COUNTY
 Intoxilyzer - Alcohol Analyzer
 Model 8000
 01/24/2018
 SN 80-000888
 10:49:14

Auto Calibration
 Max Power Res Value = 24
 Auto Range Res Value = 6

Sol Value = 0.000 g/210L ***
 Fit value = 0.0000 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12660, Sum Io = 13105

Sample % Abs (% Abs Ref)
 Sample #1 = 0.1650 (-0.0160)
 Sample #2 = 0.0340 (-0.0360)
 Sample #3 = 0.0390 (-0.0550)
 Sample #4 = 0.0730 (-0.0530)
 Avg % Abs = 0.0487 (-0.0480)
 STD DEV = 0.0212 (0.0104)
 REL STD DEV = 43.605 (21.751)

Sample % Abs (% Abs Ref)
 Sample #1 = 1.5280 (-0.0120)
 Sample #2 = 1.4980 (-0.0050)
 Sample #3 = 1.5390 (-0.0050)
 Sample #4 = 1.5590 (-0.0150)
 Avg % Abs = 1.5320 (-0.0083)
 STD DEV = 0.0311 (0.0058)
 REL STD DEV = 2.030 (69.282)

Sol Value = 0.100 g/210L ***
 Fit value = 0.4762 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12661, Sum Io = 13100

Sample % Abs (% Abs Ref)
 Sample #1 = 1.8850 (-0.0220)
 Sample #2 = 1.8810 (0.0000)
 Sample #3 = 1.8350 (0.0280)
 Sample #4 = 1.8730 (0.0270)
 Avg % Abs = 1.8630 (0.0183)
 STD DEV = 0.0246 (0.0159)
 REL STD DEV = 1.319 (86.645)

Sol Value = 0.300 g/210L ***
 Fit value = 1.4266 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12647, Sum Io = 13091

Sample % Abs (% Abs Ref)
 Sample #1 = 5.2680 (-0.0100)
 Sample #2 = 5.2960 (0.0010)
 Sample #3 = 5.3300 (0.0040)
 Sample #4 = 5.3090 (0.0280)
 Avg % Abs = 5.3117 (0.0110)
 STD DEV = 0.0172 (0.0148)
 REL STD DEV = 0.323 (134.533)

Sol Value = 0.000 mg/l or 0.000 g/210L
 % Abs = 0.113
 Std Dev = 0.02 Rel Std Dev = 19.62
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 1.532
 Std Dev = 0.03 Rel Std Dev = 2.03
 Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs = 3.624
 Std Dev = 0.01 Rel Std Dev = 0.29
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 6.982
 Std Dev = 0.02 Rel Std Dev = 0.30
 Sol Val = 1.4266 mg/l or 0.300 g/210L
 % Abs = 10.112
 Std Dev = 0.01 Rel Std Dev = 0.13
 Zero Order Coef = -132.40
 First Order Coef = 1301.64
 Second Order Coef = 12.18
 Standard Deviation = 19.548840

***** AUTO CAL CHAN 1 *****
 <<<<< CHANNEL 1 >>>>>
 Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs = 0.049
 Std Dev = 0.02 Rel Std Dev = 43.60
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 0.805
 Std Dev = 0.01 Rel Std Dev = 1.49
 Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs = 1.863
 Std Dev = 0.02 Rel Std Dev = 1.32
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 3.623
 Std Dev = 0.02 Rel Std Dev = 0.45
 Sol Val = 1.4266 mg/l or 0.300 g/210L
 % Abs = 5.312
 Std Dev = 0.02 Rel Std Dev = 0.32
 Zero Order Coef = -142.34
 First Order Coef = 2567.47
 Second Order Coef = 28.02
 Standard Deviation = 23.706615

***** CHANNEL 2 *****
 <<<<< CHANNEL 2 >>>>>
 Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs = 0.113
 Std Dev = 0.02 Rel Std Dev = 19.62
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 1.532
 Std Dev = 0.03 Rel Std Dev = 2.03
 Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs = 3.624
 Std Dev = 0.01 Rel Std Dev = 0.29
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 6.982
 Std Dev = 0.02 Rel Std Dev = 0.30
 Sol Val = 1.4266 mg/l or 0.300 g/210L
 % Abs = 10.112
 Std Dev = 0.01 Rel Std Dev = 0.13
 Zero Order Coef = -132.40
 First Order Coef = 1301.64
 Second Order Coef = 12.18
 Standard Deviation = 19.548840

***** CHANNEL 1 *****
 <<<<< CHANNEL 1 >>>>>
 Sol Value = 0.300 g/210L ***
 Fit value = 1.4266 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12647, Sum Io = 13091

Sample % Abs (% Abs Ref)
 Sample #1 = 5.2680 (-0.0100)
 Sample #2 = 5.2960 (0.0010)
 Sample #3 = 5.3300 (0.0040)
 Sample #4 = 5.3090 (0.0280)
 Avg % Abs = 5.3117 (0.0110)
 STD DEV = 0.0172 (0.0148)
 REL STD DEV = 0.323 (134.533)

***** CHANNEL 2 *****
 <<<<< CHANNEL 2 >>>>>
 Sol Value = 0.200 g/210L ***
 Fit value = 0.9524 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12653, Sum Io = 13095

Sample % Abs (% Abs Ref)
 Sample #1 = 3.6110 (-0.0080)
 Sample #2 = 3.6410 (-0.0140)
 Sample #3 = 3.6190 (0.0160)
 Sample #4 = 3.6090 (0.0310)
 Avg % Abs = 3.6230 (0.0110)
 STD DEV = 0.0164 (0.0228)
 REL STD DEV = 0.452 (208.295)

Solution Stats Quadratic Fit Chan 2
 Act Residual
 g/210L g/210L
 0.000 -0.0003
 0.040 0.0003
 0.100 0.0004
 0.200 -0.0005
 0.300 0.0002

Sol Value = 0.060 g/210L ***
 Fit value = 0.3810 mg/l %%%
 Samples Taken = 4, Discarded = 1
 ***** CHANNEL 1 *****
 Sample #1 = 3305.00
 Sample #2 = 3336.00
 Sample #3 = 3309.00
 Sample #4 = 3353.00
 Average Result = 3332.6667
 STD DEV = 22.1886
 REL STD DEV = 0.666
 ***** CHANNEL 2 *****
 Sample #1 = 3412.00
 Sample #2 = 3415.00
 Sample #3 = 3399.00
 Sample #4 = 3436.00
 Average Result = 3416.6667
 STD DEV = 18.5562
 REL STD DEV = 0.543

 Dry Gas H2O Adjust Results *****
 Barometric Pressure = 1024
 3 um H2O Adjust (mg/l*10,000) = 477
 9 um H2O Adjust (mg/l*10,000) = 393
 ***** AUTO CAL PASS *****

Sol Value = 0.060 g/210L ***
 Fit value = 0.3810 mg/l %%%
 Samples Taken = 4, Discarded = 1
 ***** CHANNEL 1 *****
 Sample #1 = 3305.00
 Sample #2 = 3336.00
 Sample #3 = 3309.00
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 Barometric Pressure = 1024
 3 um H2O Adjust (mg/l*10,000) = 477
 9 um H2O Adjust (mg/l*10,000) = 393
 ***** AUTO CAL PASS *****

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 Fit value = 0.3810 mg/l %%%
 Samples Taken = 4, Discarded = 1
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 Sample #2 = 3336.00
 Sample #3 = 3309.00
 Sample #4 = 3353.00
 Average Result = 3332.6667
 STD DEV = 22.1886
 REL STD DEV = 0.666
 ***** CHANNEL 2 *****
 Sample #1 = 3412.00
 Sample #2 = 3415.00
 Sample #3 = 3399.00
 Sample #4 = 3436.00
 Average Result = 3416.6667
 STD DEV = 18.5562
 REL STD DEV = 0.543

 Dry Gas H2O Adjust Results *****
 Barometric Pressure = 1024
 3 um H2O Adjust (mg/l*10,000) = 477
 9 um H2O Adjust (mg/l*10,000) = 393
 ***** AUTO CAL PASS *****

1/26/18
 JD

Post-Calibration Adjust Stability Checks

#8D-000888 Pinellas County S.D. '12/18 *QWS*

QWS
 PINELLAS COUNTY SO
 Intoxilyzer - Alconol Analyzer
 Model: 8000 SN 80-000888
 01/24/2018
 Software: 8100.27

PINELLAS COUNTY SO
 Intoxilyzer - Alconol Analyzer
 Model: 8000 SN 80-000888
 01/24/2018
 Software: 8100.27

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 Model: 8000 SN 80-000888
 01/24/2018
 Software: 8100.27

PINELLAS COUNTY SO
 Intoxilyzer - Alconol Analyzer
 Model: 8000 SN 80-000888
 01/24/2018
 Software: 8100.27

Test	g/210L	Time	Test	g/210L	Time	Test	g/210L	Time	Test	g/210L	Time	Test	g/210L	Time
Air Blank	0.000	12:34	Air Blank	0.000	13:53	Air Blank	0.000	12:51	Air Blank	0.000	12:51	Air Blank	0.000	12:28
Control Test	0.049	12:35	Control Test	0.082	12:40	Control Test	0.079	13:53	Control Test	0.199	12:52	Control Test	0.079	12:28
Air Blank	0.000	12:36	Air Blank	0.000	12:41	Air Blank	0.000	13:54	Air Blank	0.000	12:53	Air Blank	0.000	12:28
Control Test	0.049	12:36	Control Test	0.081	12:41	Control Test	0.081	13:55	Control Test	0.200	12:53	Control Test	0.078	12:29
Air Blank	0.000	12:37	Air Blank	0.000	12:42	Air Blank	0.000	13:55	Air Blank	0.000	12:54	Air Blank	0.000	12:29
Control Test	0.050	12:37	Control Test	0.082	12:43	Control Test	0.081	13:56	Control Test	0.202	12:54	Control Test	0.079	12:29
Air Blank	0.000	12:38	Air Blank	0.000	12:43	Air Blank	0.000	13:56	Air Blank	0.000	12:55	Air Blank	0.000	12:30
Control Test Stats			Control Test Stats			Control Test Stats			Control Test Stats			Control Test Stats		
Average	0.0493		Average	0.0817		Average	0.0803		Average	0.2003		Average	0.0787	
Std Dev	0.0006		Std Dev	0.0006		Std Dev	0.0012		Std Dev	0.0015		Std Dev	0.0006	
Rel Std Dev(%)	1.1703		Rel Std Dev(%)	0.7070		Rel Std Dev(%)	1.4374		Rel Std Dev(%)	0.7625		Rel Std Dev(%)	0.7339	

G2882

S11013

Changed Sims *QWS*

QWS
 Operator's Signature

QWS
 Operator's Signature

QWS
 Operator's Signature

QWS
 Operator's Signature

QWS
 Operator's Signature

1/26/18
QWS

SP

Florida Department of Law Enforcement Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: PINELLAS COUNTY SO
Time of Inspection: 15:07

Date of Inspection: 01/22/2018

Serial Number: 80-000888
Software: 8100.27

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

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: _____

Number of Simulators Used: _____

Remarks:
BYPASSED AI TO OPERATE INSTRUMENT. NOT A COMPLIANCE CHECK.

SP

N/A Compliance Not Determined *SP*

The above instrument complies () does not comply () with Chapter 11D-8, FAC.

I certify that I hold a valid Florida Department of Law Enforcement Agency Inspector Permit and that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

Danielle M Bell

DANIELLE M BELL

Signature and Printed Name

01/22/2018
Date

1/24/18
SP