



Agency Osceola County Sheriff's Office

S/N 80-003935

Date In 01-10-2023 DI Completion Date 01-13-2023

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By IS _____	Quality Checks	By IS _____	Date <u>01-11-2023</u>	Flow Calibration	By _____	Date _____																													
☒ 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: _____ _____ _____ _____ _____ _____ _____ _____		☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>216</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP-105</u> 32 mm <u>0.164</u> (.139 - .169) 36 mm <u>0.183</u> (.156 - .190) 53 mm <u>0.253</u> (.228 - .278) 103 mm <u>0.523</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>30793</u> ☒ Stability Checks		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 IS _____	Department Inspection			By IS _____																												
Barometric Pressure Gauge <u>1013</u> ID # <u>28421</u>					Barometric Pressure ID# <u>30793</u>																															
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					☒ Form 41 ☒ Stability Checks ☒ Calibration Certificate ☒ Calibration Adjustment			☒ Post-Stability Checks ☐ Flow Calibration ☐ Form 40 ☐ Other _____																												
Notes/Suggested Service: <u>0.050 and 0.080 g/210L Alcohol Reference Solution Stability Checks not nominal. Performed Optical Bench Calibration Adjustment. IS</u>					☒ 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																															
David Eliezer Reyes-Rivera		Digitally signed by David Eliezer Reyes-Rivera Date: 2023.01.17 07:40:37 -05'00'		Phil Nicodemo		Digitally signed by Phil Nicodemo Date: 2023.01.17 14:24:21 -05'00'																														
				Tech Review / Date _____ Admin Review / Date _____																																

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: OSCEOLA COUNTY S.O.
Time of Inspection: 13:34

Date of Inspection: 01/13/2023

Serial Number: 80-003935
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	0.078	0.199	0.079
0.000	0.049	0.078	0.200	0.080
0.000	0.049	0.078	0.199	0.080
0.000	0.049	0.079	0.199	0.080
0.000	0.049	0.078	0.199	0.080
0.000	0.050	0.078	0.200	0.080
0.000	0.049	0.079	0.200	0.080
0.000	0.049	0.078	0.199	0.080
0.000	0.050	0.079	0.200	0.080
0.000	0.050	0.078	0.199	0.080

Standard Deviations	0.0004	0.0004	0.0005	0.0003
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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

01/13/2023
Date

stability checks

OSCEOLA COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003935
01/11/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:46
Control Test	0.047	13:46
Air Blank	0.000	13:47
Control Test	0.047	13:48
Air Blank	0.000	13:48
Control Test	0.046	13:49
Air Blank	0.000	13:49
Control Test Stats		
Average	0.0467	
Std Dev	0.0006	
Rel Std Dev(%)	1.2372	

OSCEOLA COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003935
01/11/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:52
Control Test	0.076	13:53
Air Blank	0.000	13:54
Control Test	0.076	13:54
Air Blank	0.000	13:55
Control Test	0.077	13:56
Air Blank	0.000	13:56
Control Test Stats		
Average	0.0763	
Std Dev	0.0006	
Rel Std Dev(%)	0.7564	

OSCEOLA COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003935
01/11/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:58
Control Test	0.198	13:58
Air Blank	0.000	13:59
Control Test	0.198	14:00
Air Blank	0.000	14:00
Control Test	0.198	14:01
Air Blank	0.000	14:01
Control Test Stats		
Average	0.1980	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

wet

Operator's Signature

Operator's Signature

Operator's Signature

OSCEOLA COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003935
01/11/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:03
Control Test	0.077	14:04
Air Blank	0.000	14:04
Control Test	0.077	14:04
Air Blank	0.000	14:05
Control Test	0.077	14:05
Air Blank	0.000	14:06
Control Test Stats		
Average	0.0770	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

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 80-003935, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-003935</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>OSCEOLA COUNTY S.O.</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>01/13/2023</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>13:34</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: 2023.01.13 14:06:37 -05'00'

01/13/2023

Date

ISRAEL SOTO,
Department Inspector

FDLE/ATP Form 69 March 2022

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

OSCEOLA COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003935
01/13/2023 08:43:27

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	0.1120	(-0.0100)	0.1660	(-0.0130)
Sample #2	0.0770	(0.0170)	0.1170	(0.0050)
Sample #3	0.1000	(0.0420)	0.1560	(-0.0010)
Sample #4	0.0490	(0.0930)	0.1360	(0.0110)
Avg % Abs	0.0753	(0.0507)	0.1363	(0.0050)
STD DEV	0.0255	(0.0387)	0.0195	(0.0060)
REL STD DEV	33.904	(76.449)	14.305	(120.000)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.7890	(0.0000)	1.5380	(-0.0070)
Sample #2	0.7690	(0.0440)	1.5510	(0.0080)
Sample #3	0.8100	(0.0350)	1.5860	(0.0060)
Sample #4	0.7760	(0.0710)	1.5980	(0.0040)
Avg % Abs	0.7850	(0.0500)	1.5783	(0.0060)
STD DEV	0.0219	(0.0187)	0.0244	(0.0020)
REL STD DEV	2.794	(37.470)	1.547	(33.333)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	1.8390	(-0.0040)	3.6530	(-0.0020)
Sample #2	1.8310	(0.0120)	3.6510	(0.0080)
Sample #3	1.8780	(0.0030)	3.6780	(-0.0010)
Sample #4	1.8330	(0.0400)	3.6170	(0.0340)
Avg % Abs	1.8473	(0.0183)	3.6487	(0.0137)
STD DEV	0.0266	(0.0193)	0.0306	(0.0182)
REL STD DEV	1.439	(105.251)	0.838	(132.988)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	3.5550	(-0.0020)	6.9730	(-0.0190)
Sample #2	3.5970	(0.0030)	6.9430	(0.0010)
Sample #3	3.5950	(0.0210)	6.9430	(0.0070)
Sample #4	3.5830	(0.0220)	6.9120	(0.0010)
Avg % Abs	3.5917	(0.0153)	6.9327	(0.0030)
STD DEV	0.0076	(0.0107)	0.0179	(0.0035)
REL STD DEV	0.211	(69.735)	0.258	(115.470)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	5.2460	(-0.0060)	10.0890	(-0.0160)
Sample #2	5.1900	(0.0420)	10.0350	(0.0330)
Sample #3	5.2240	(0.0420)	10.0900	(0.0110)
Sample #4	5.2150	(0.0330)	10.0120	(0.0350)
Avg % Abs	5.2097	(0.0390)	10.0457	(0.0263)
STD DEV	0.0176	(0.0052)	0.0401	(0.0133)
REL STD DEV	0.338	(13.323)	0.399	(50.570)

OSCEOLA COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003935
01/13/2023 08:43:27

Optical Bench Calibration
Adjustment 

Auto Calibration

pg 2 of 2

<<<< 3um >>>>

Zero Order Coef -167.43
First Order Coef 2582.22
Second Order Coef 36.17

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.001	-0.0006
0.040	0.040	0.0005
0.100	0.099	0.0007
0.200	0.201	-0.0010
0.300	0.300	0.0004

<<<< 9um >>>>

-184.29
1307.70
13.23

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

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

Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1.
Sample
Sample #1 3265.00 3291.00
Sample #2 3217.00 3281.00
Sample #3 3168.00 3246.00
Sample #4 3217.00 3287.00
Avg 3200.6667 3271.3333
STD DEV 28.2902 22.1435
REL STD DEV 0.884 0.677
H2O adjust (mg/l*10k) 609 538

Barometric Pressure = 1014

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

Post Stability checks

OSCEOLA COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003935
01/13/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:11
Control Test	0.049	10:12
Air Blank	0.000	10:12
Control Test	0.049	10:13
Air Blank	0.000	10:14
Control Test	0.049	10:14
Air Blank	0.000	10:15
Control Test Stats		
Average	0.0490	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

OSCEOLA COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003935
01/13/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:16
Control Test	0.078	10:17
Air Blank	0.000	10:17
Control Test	0.078	10:18
Air Blank	0.000	10:18
Control Test	0.079	10:19
Air Blank	0.000	10:20
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

Operator's Signature

OSCEOLA COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003935
01/13/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:21
Control Test	0.199	10:22
Air Blank	0.000	10:23
Control Test	0.199	10:23
Air Blank	0.000	10:24
Control Test	0.198	10:25
Air Blank	0.000	10:25
Control Test Stats		
Average	0.1987	
Std Dev	0.0006	
Rel Std Dev(%)	0.2906	

Operator's Signature

OSCEOLA COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003935
01/13/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:28
Control Test	0.080	10:28
Air Blank	0.000	10:29
Control Test	0.080	10:29
Air Blank	0.000	10:30
Control Test	0.080	10:30
Air Blank	0.000	10:31
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

wet

Dry