



Agency Orange County Sheriff's Department

S/N 80-001418

Date In 6/10/2022 DI Completion Date 06-13-2022 ☐ Ship ☐ P/U ☐ H/D ☒ CMI ☐ EE

Calibration Adjustment

By _____

☐ Post Calibration Adjustment Stability Checks

Notes/Suggested Service: Flow values not nominal after 2 Flow Calibration Adjusts. Flow column ATP 105 used for both calibration adjusts, and ATP 103 used for both post calibration verifications. Returning instrument to CMI. IS

Department Inspection

By IS

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

Digitally signed by David
Eliezer Reyes-Rivera
Date: 2022.06.13 13:41:06
-04'00'

Tech Review / Date

Admin Review Date 04/00/

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: ORANGE COUNTY S.O.
Time of Inspection: 12:30

Date of Inspection: 06/13/2022

Serial Number: 80-001418
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	0.079	0.203	0.080
0.000	0.049	0.079	0.203	0.079
0.000	0.049	0.079	0.203	0.079
0.000	0.049	0.080	0.204	0.079
0.000	0.049	0.079	0.204	0.079
0.000	0.049	0.078	0.204	0.079
0.000	0.049	0.076	0.204	0.079
0.000	0.049	0.076	0.204	0.080
0.000	0.049	0.076	0.204	0.080
0.000	0.049	0.077	0.204	0.079

Standard Deviations	0.0000	0.0015	0.0004	0.0004
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0005 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

06/13/2022
Date

Type of Test	Serial Number	Agency	Date	Performed By
Stability Checks	80-001418	Orange County Sheriff's Department	6/13/2022	PN

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
0.047 to 0.053	0.077 to 0.083	0.194 to 0.206	0.077 to 0.083
✓	✓	✓	✓
ORANGE COUNTY S.O. Intoxilyzer - Alcohol Analyzer Model 8000 06/13/2022 Software: 8100.27 Test g/210L Time Air Blank 0.000 09:06 Control Test 0.050 09:07 Air Blank 0.000 09:07 Control Test 0.048 09:08 Air Blank 0.000 09:08 Control Test 0.049 09:09 Air Blank 0.000 09:10 Control Test Stats Average 0.0490 Std Dev 0.0010 Rel Std Dev(%) 2.0408 Operator's Signature	ORANGE COUNTY S.O. Intoxilyzer - Alcohol Analyzer Model 8000 06/13/2022 Software: 8100.27 Test g/210L Time Air Blank 0.000 09:12 Control Test 0.081 09:12 Air Blank 0.000 09:13 Control Test 0.079 09:13 Air Blank 0.000 09:14 Control Test 0.079 09:15 Air Blank 0.000 09:15 Control Test Stats Average 0.0797 Std Dev 0.0012 Rel Std Dev(%) 1.4494 Operator's Signature	ORANGE COUNTY S.O. Intoxilyzer - Alcohol Analyzer Model 8000 06/13/2022 Software: 8100.27 Test g/210L Time Air Blank 0.000 09:17 Control Test 0.202 09:18 Air Blank 0.000 09:19 Control Test 0.201 09:19 Air Blank 0.000 09:20 Control Test 0.202 09:21 Air Blank 0.000 09:21 Control Test Stats Average 0.2017 Std Dev 0.0006 Rel Std Dev(%) 0.2863 Operator's Signature	ORANGE COUNTY S.O. Intoxilyzer - Alcohol Analyzer Model 8000 06/13/2022 Software: 8100.27 Test g/210L Time Air Blank 0.000 09:23 Control Test 0.080 09:23 Air Blank 0.000 09:24 Control Test 0.080 09:24 Air Blank 0.000 09:25 Control Test 0.080 09:25 Air Blank 0.000 09:26 Control Test Stats Average 0.0800 Std Dev 0.0000 Rel Std Dev(%) 0.0000 Operator's Signature

Comments: N/A



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 80-001418, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001418</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>ORANGE COUNTY S.O.</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>06/13/2022</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>12:30</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: 2022.06.13 13:07:18 -04'00'

06/13/2022

Date

ISRAEL SOTO,

Department Inspector

FDLE/ATP Form 69 March 2022

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

Page 1 of 1

Flow Sensor Cal. Adj.



ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001418
06/13/2022
Software: 8100.27

#1

Flow Rate Calibration*****

1: Rate (Liters/min) = 5

SQRT(Diff)) = 7.348

2: Rate (Liters/min) = 15

SQRT(Diff)) = 11.746

3: Rate (Liters/min) = 30

SQRT(Diff)) = 21.281

Dependent Data Scale Factor = 100000 L/min

Independent Data Scale Factor = 256

Rounded Slope = 687

Rounded Intercept = -700182

Correlation = 0.99551

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001418
06/13/2022
Software: 8100.27

#2

Flow Rate Calibration*****

1: Rate (Liters/min) = 5

SQRT(Diff)) = 7.348

2: Rate (Liters/min) = 15

SQRT(Diff)) = 11.617

3: Rate (Liters/min) = 30

SQRT(Diff)) = 21.352

Dependent Data Scale Factor = 100000 L/min

Independent Data Scale Factor = 256

Rounded Slope = 681

Rounded Intercept = -675949

Correlation = 0.99432

Return Material Authorization

Ship to: ☒ CMI, Inc.

☐ Enforcement Electronics

Shipment to repair facility authorized by: Israel Soto on June 13, 2022

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

Instrument Model: Intoxilyzer 8000 Serial Number: 80-001418

Bill To Address:

Orange County Sheriff's Office

Ship to Address:

Alcohol Testing Program - FDLE

Tallahassee, Florida

Reason for Return:

Instrument returned from CMI on June 10. Instrument flow values are low and remain low
after two flow calibration adjusts.

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: Israel Soto

Phone #: 407-836-0804

Email: kelly.melville@ocfl.net

ATP Contact Name: Israel Soto

ATP Email: israelsoto@fdle.state.fl.us



Agency Orange County Sheriff's Office

S/N 80-001418

Date In 09-08-2022 DI Completion Date 09-09-2022

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Calibration Adjustment

By _____

Barometric Pressure Gauge

ID #

☐ Post Calibration Adjustment Stability ChecksNotes/Suggested Service:

Department Inspection

By IS

Barometric Pressure ID# 30793

Gauge 1005	<u>Instrument 1005</u>
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Mouth Alcohol Solution Lot # 2022-A

Acetone Stock Solution Lot # 2022-B

Attachments

- | | |
|---|--|
| ☒ Form 41 | ☐ Post-Stability Checks |
| ☒ Stability Checks | ☐ Flow Calibration |
| ☒ Calibration Certificate | ☐ Form 40 |
| ☐ Calibration Adjustment | ☐ Other |

- ☒ 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: 2022.09.12 09:31:00 -04'00'

Tech Review / Date

13

14:07:25

Admin Review / Date 04'00'

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: ORANGE COUNTY S.O.
Time of Inspection: 10:03

Date of Inspection: 09/09/2022

Serial Number: 80-001418
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#:08121080A1 Exp: 05/05/2023
0.000	0.049	0.079	0.200	0.081
0.000	0.050	0.079	0.201	0.080
0.000	0.050	0.080	0.201	0.080
0.000	0.050	0.079	0.200	0.080
0.000	0.050	0.079	0.200	0.081
0.000	0.049	0.080	0.201	0.080
0.000	0.050	0.080	0.200	0.080
0.000	0.050	0.080	0.200	0.080
0.000	0.050	0.080	0.200	0.080
0.000	0.050	0.080	0.200	0.080
Standard Deviations	0.0004	0.0005	0.0004	0.0004

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

09/09/2022
Date

stability checks

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001418
09/09/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:57
Control Test	0.051	07:58
Air Blank	0.000	07:58
Control Test	0.050	07:59
Air Blank	0.000	08:00
Control Test	0.050	08:00
Air Blank	0.000	08:01
Control Test Stats		
Average	0.0503	
Std Dev	0.0006	
Rel Std Dev(%)	1.1471	

Operator's Signature

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001418
09/09/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:02
Control Test	0.080	08:03
Air Blank	0.000	08:03
Control Test	0.079	08:04
Air Blank	0.000	08:04
Control Test	0.080	08:05
Air Blank	0.000	08:06
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

wet

Operator's Signature

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001418
09/09/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:07
Control Test	0.201	08:07
Air Blank	0.000	08:08
Control Test	0.200	08:09
Air Blank	0.000	08:09
Control Test	0.199	08:10
Air Blank	0.000	08:10
Control Test Stats		
Average	0.2000	
Std Dev	0.0010	
Rel Std Dev(%)	0.5000	

Operator's Signature

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001418
09/09/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:12
Control Test	0.081	08:12
Air Blank	0.000	08:13
Control Test	0.081	08:13
Air Blank	0.000	08:13
Control Test	0.081	08:14
Air Blank	0.000	08:14
Control Test Stats		
Average	0.0810	
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

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Serial Number:	<u>80-001418</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>ORANGE COUNTY S.O.</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>09/09/2022</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>10:03</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 ($k=3$).

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TRACEABILITY INFORMATION

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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.
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Israel Soto
Digitally signed by
Israel Soto
Date: 2022.09.09
13:42:54 -04'00'

09/09/2022

Date

ISRAEL SOTO,

Department Inspector

FDLE/ATP Form 69 March 2022
Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality