INSTRUMENT PROCESSING SHEET

Florida Department of Law Enforcement

Agency Orange County Sheriff's Office S/N 80-001420

Date In 1/27/2023 DI Completion Date 2/1/2023 ■Ship ❑P/U ❑H/D ❑CMI ❑EE

Intake By PN

■ 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 PN Date 2/1/2023

■ Breath Tube Screen
■ Replace External O-Rings
■ Instrument Set Up Verified
■ R-Value 210
■ Flow Verification (L/s)
Flow Column # ATP 105
32 mm .164 (.139 - .169)
36 mm .183 (.156 - .190)
53 mm .246 (.228 - .278)
103 mm .507 (.447 - .547)
■ Barometric Pressure Check
Gauge ID # 28421
■ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	MP5088	202201C
		01/11/2024
0.080	MP5089	202201D
		01/18/2024
0.200	MP5090	202201E
		01/18/2024
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 PN

Barometric Pressure Gauge 1021 ID # 30793

Simulator	Serial #	Lot #	Expiration
0.000	MP6294	N/A	N/A
0.040	MP6295	21410	9/30/2023
0.100	MP6296	22310	8/11/2024
0.200	MP6297	22050	2/7/2024
0.300	MP6298	22220	6/15/2024
0.080 DGS	N/A	08121080A1	5/5/2023

■ Post Calibration Adjustment Stability Checks

Simulator	Serial #	Lot #	Expiration
0.050	MP5088	202201C	01/11/2024
0.080	MP5089	202201D	01/18/2024
0.200	MP5090	202201E	01/18/2024
0.080 DGS	N/A	AG229803	10/25/2024

Department Inspection By PN

Barometric Pressure ID# 28421
Gauge 1019 Instrument 1018
Mouth Alcohol Solution Lot # 2022-A
Acetone Stock Solution Lot # 2022-B

Simulator	Serial Number
0.000	MP5086
Interferent	MP5087
0.050	MP5088
0.080	MP5089
0.200	MP5090

Attachments

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

Notes/Suggested Service:
During 0.08 DGS Stability Check, inadevertently only two measurements were performed; since a calibration adjustment was required based on the measurements obtained during the 0.08 wet bath Stability Check, the 0.08 DGS check was not repeated to obtain three measurements. PN

■ **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**

Israel Soto Digitally signed by Israel Soto Date: 2023.02.02 15:15:59 -05'00'

Tech Review / Date

2023.02.03 13:48:08 -05'00'

Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: ORANGE COUNTY S.O. Serial Number: 80-001420
Time of Inspection: 15:37 Date of Inspection: 02/01/2023 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#:AG229803 Exp: 10/25/2024
0.000	0.048	0.078	0.197	0.080
0.000	0.048	0.078	0.198	0.079
0.000	0.048	0.078	0.198	0.080
0.000	0.048	0.078	0.197	0.080
0.000	0.048	0.078	0.197	0.079
0.000	0.048	0.078	0.198	0.079
0.000	0.049	0.078	0.198	0.080
0.000	0.048	0.078	0.197	0.080
0.000	0.049	0.078	0.198	0.079
0.000	0.049	0.079	0.198	0.079

Standard Deviations	0.0004	0.0003	0.0005	0.0005

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 (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

02/01/2023
Date

FDLE/ATP Form 41 –Revised August 2005

STABILITY CHECKS

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001420
02/01/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:41
Control Test	0.047	09:42
Air Blank	0.000	09:42
Control Test	0.047	09:43
Air Blank	0.000	09:43
Control Test	0.047	09:44
Air Blank	0.000	09:44

Control Test Stats

Average	0.0470
Std Dev	0.0000
Rel Std Dev(%)	0.0000

Operator's Signature

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001420
02/01/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:46
Control Test	0.076	09:46
Air Blank	0.000	09:47
Control Test	0.076	09:47
Air Blank	0.000	09:48
Control Test	0.076	09:49
Air Blank	0.000	09:49

Control Test Stats

Average	0.0760
Std Dev	0.0000
Rel Std Dev(%)	0.0000

Operator's Signature

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001420
02/01/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:52
Control Test	0.196	09:53
Air Blank	0.000	09:53
Control Test	0.197	09:54
Air Blank	0.000	09:54
Control Test	0.196	09:55
Air Blank	0.000	09:56

Control Test Stats

Average	0.1963
Std Dev	0.0006
Rel Std Dev(%)	0.2941

Operator's Signature

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001420
02/01/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:57
Control Test	0.079	09:57
Air Blank	0.000	09:58
Control Test	0.081	09:58
Air Blank	0.000	09:59

Control Test Stats

Average	0.0800
Std Dev	0.0014
Rel Std Dev(%)	1.7678

DGS* See notes

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 80-001420 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-001420
Owning Agency:	ORANGE COUNTY S.O.
Calibration Date:	02/01/2023
Calibration Time:	15:37

	UNCERTAINTY* ±
0.050 g/ 210 L	0.004
0.080 g/ 210 L	0.004
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.

02/01/2023
Date

PHIL NICODEMO,
Department Inspector

Optical Calibration Adjustment

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001420
02/01/2023 10:28:03

Auto Calibration

	<<<<< 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	0.0740	(-0.0050)	0.0950	(-0.0030)
Sample #2	0.0840	(0.0410)	0.0780	(0.0080)
Sample #3	0.0650	(0.0520)	0.1020	(0.0060)
Sample #4	0.0390	(0.0890)	0.0810	(0.0190)
Avg % Abs	0.0627	(0.0607)	0.0870	(0.0110)
STD DEV	0.0226	(0.0251)	0.0131	(0.0070)
REL STD DEV	36.049	(41.450)	15.031	(63.636)
Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.8460	(-0.0200)	1.5500	(-0.0130)
Sample #2	0.8400	(-0.0060)	1.5480	(-0.0030)
Sample #3	0.8200	(0.0300)	1.5460	(-0.0020)
Sample #4	0.8290	(0.0450)	1.5560	(0.0120)
Avg % Abs	0.8297	(0.0230)	1.5500	(0.0023)
STD DEV	0.0100	(0.0262)	0.0053	(0.0084)
REL STD DEV	1.207	(113.959)	0.341	(359.421)
Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	2.0270	(-0.0290)	3.6700	(0.0000)
Sample #2	2.0150	(-0.0090)	3.6910	(-0.0080)
Sample #3	1.9670	(0.0070)	3.6890	(0.0060)
Sample #4	2.0120	(-0.0040)	3.6980	(-0.0050)
Avg % Abs	1.9980	(-0.0020)	3.6927	(-0.0023)
STD DEV	0.0269	(0.0082)	0.0047	(0.0074)
REL STD DEV	1.346	(409.268)	0.128	(315.905)
Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	3.8500	(-0.0140)	7.0730	(-0.0150)
Sample #2	3.8350	(-0.0070)	7.0480	(0.0050)
Sample #3	3.8240	(-0.0040)	7.0760	(-0.0150)
Sample #4	3.7980	(0.0270)	7.0380	(0.0110)
Avg % Abs	3.8190	(0.0053)	7.0540	(0.0003)
STD DEV	0.0190	(0.0188)	0.0197	(0.0136)
REL STD DEV	0.498	(352.945)	0.279	(4084.115)
Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	5.6090	(-0.0130)	10.2380	(-0.0260)
Sample #2	5.6230	(-0.0030)	10.2110	(0.0140)
Sample #3	5.6200	(-0.0080)	10.2000	(0.0090)
Sample #4	5.5810	(0.0310)	10.2110	(0.0210)
Avg % Abs	5.6080	(0.0067)	10.2073	(0.0147)
STD DEV	0.0234	(0.0212)	0.0064	(0.0060)
REL STD DEV	0.418	(318.316)	0.062	(41.098)

Optical Calibration Adjustment

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001420
02/01/2023 10:28:03

PZ

Auto Calibration

	<<<<< 3um >>>>>	<<<<< 9um >>>>>
Zero Order Coef	-146.74	-103.39
First Order Coef	2420.33	1266.52
Second Order Coef	27.56	14.00

Act (g/210L)	Fit (g/210L)	Residual (g/210L)	Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0001	0.000	0.000	-0.0001
0.040	0.039	0.0005	0.040	0.040	0.0002
0.100	0.101	-0.0008	0.100	0.100	-0.0001
0.200	0.199	0.0005	0.200	0.200	-0.0001
0.300	0.300	-0.0002	0.300	0.300	0.0001

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

Sample	<<<<< 3um >>>>>	<<<<< 9um >>>>>
Sample #1	3332.00	3377.00
Sample #2	3289.00	3395.00
Sample #3	3262.00	3368.00
Sample #4	3356.00	3383.00
Avg	3302.3333	3382.0000
STD DEV	48.3977	13.5277
REL STD DEV	1.466	0.400
H2O adjust (mg/l*10k)	507	427

Barometric Pressure = 1021

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

Post Stability CHECKS

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001420
02/01/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:07
Control Test	0.048	13:07
Air Blank	0.000	13:08
Control Test	0.048	13:09
Air Blank	0.000	13:09
Control Test	0.048	13:10
Air Blank	0.000	13:10
Control Test Stats		
Average	0.0480	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001420
02/01/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:16
Control Test	0.077	13:16
Air Blank	0.000	13:17
Control Test	0.077	13:17
Air Blank	0.000	13:18
Control Test	0.077	13:19
Air Blank	0.000	13:19
Control Test Stats		
Average	0.0770	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001420
02/01/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:20
Control Test	0.197	13:21
Air Blank	0.000	13:22
Control Test	0.198	13:22
Air Blank	0.000	13:23
Control Test	0.196	13:24
Air Blank	0.000	13:24
Control Test Stats		
Average	0.1970	
Std Dev	0.0010	
Rel Std Dev(%)	0.5076	

Operator's Signature

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001420
02/01/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:26
Control Test	0.079	13:26
Air Blank	0.000	13:27
Control Test	0.080	13:27
Air Blank	0.000	13:27
Control Test	0.080	13:28
Air Blank	0.000	13:28
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

DGS

Operator's Signature