INSTRUMENT PROCESSING SHEET

Florida Department of Law Enforcement

Agency Naval Air Station Mayport S/N 80-001368

Date In 05-05-2023 DI Completion Date 05-08-2023 ■Ship ❑P/U ❑H/D ❑CMI ❑EE

Intake By IS

■ 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 IS Date 05-05-2023

■ Breath Tube Screen
■ Replace External O-Rings
■ Instrument Set Up Verified
■ R-Value 223
■ Flow Verification (L/s)
Flow Column # ATP-103
32 mm 0.148 (.139 - .169)
36 mm 0.164 (.156 - .190)
53 mm 0.230 (.228 - .278)
103 mm 0.496 (.447 - .547)
■ Barometric Pressure Check
Gauge ID # 28662
■ 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 IS

Barometric Pressure Gauge 1017 ID # 28421

Simulator	Serial #	Lot #	Expiration
0.000	MP6294	N/A	N/A
0.040	MP6295	22460	12-28-2024
0.100	MP6296	22430	11-30-2024
0.200	MP6297	22400	10-12-2024
0.300	MP6298	23070	03-06-2025
0.080 DGS	N/A	06723080A5	04-05-2025

■ 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 IS

Barometric Pressure ID# 28662
Gauge 1015/1015 Instrument 1016/1015
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 x2
■ Stability Checks
■ Calibration Certificate x2
■ Calibration Adjustment
■ Post-Stability Checks
❑ Flow Calibration
❑ Form 40
❑ Other

Notes/Suggested Service: After completion of Department Inspection it was noticed that the Wet and Dry 0.080 g/210L Stability Check averages were greater than 0.003. Optical Bench Calibration Adjustment was performed. Department Inspection was repeated using same Barometric Pressure Gauge Mouth Alcohol/Acetone solutions, and Simulators. IS

■ **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: 2023.05.10 08:50:59 -04'00'
Tech Review / Date

Phil Nicodemo — Digitally signed by Phil Nicodemo Date: 2023.05.10 13:06:09 -04'00'
Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: NAS MAYPORT
Time of Inspection: 10:27
Date of Inspection: 05/08/2023
Serial Number: 80-001368
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	0.049	0.078	0.200	0.081
0.000	0.049	0.078	0.200	0.080
0.000	0.049	0.078	0.200	0.081
0.000	0.049	0.078	0.200	0.081
0.000	0.049	0.078	0.200	0.081
0.000	0.049	0.078	0.199	0.080
0.000	0.049	0.078	0.200	0.081
0.000	0.049	0.078	0.200	0.081
0.000	0.049	0.078	0.200	0.081
0.000	0.049	0.078	0.200	0.080
Standard Deviations	0.0000	0.0000	0.0003	0.0004

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0001 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.

Israel Soto
ISRAEL SOTO
Signature and Printed Name

05/08/2023
Date

FDLE/ATP Form 41 –Revised August 2005

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: NAS MAYPORT
Time of Inspection: 14:45
Date of Inspection: 05/08/2023
Serial Number: 80-001368
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	0.199	0.078
0.000	0.049	0.078	0.199	0.078
0.000	0.049	0.078	0.199	0.078
0.000	0.049	0.078	0.199	0.078
0.000	0.049	0.078	0.199	0.077
0.000	0.049	0.078	0.199	0.078
0.000	0.049	0.078	0.199	0.077
0.000	0.049	0.078	0.199	0.078
0.000	0.049	0.078	0.199	0.077
0.000	0.050	0.078	0.199	0.077
Standard Deviations	0.0004	0.0000	0.0000	0.0005

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0002 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.

Israel Soto
ISRAEL SOTO
Signature and Printed Name

05/08/2023
Date

FDLE/ATP Form 41 –Revised August 2005

Stability checks

NAS MAYPORT
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001368
05/05/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:07
Control Test	0.049	14:08
Air Blank	0.000	14:08
Control Test	0.048	14:09
Air Blank	0.000	14:10
Control Test	0.048	14:10
Air Blank	0.000	14:11
Control Test Stats		
Average	0.0483	
Std Dev	0.0006	
Rel Std Dev(%)	1.1945	

Operator's Signature

NAS MAYPORT
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001368
05/05/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:12
Control Test	0.078	14:12
Air Blank	0.000	14:13
Control Test	0.077	14:13
Air Blank	0.000	14:14
Control Test	0.077	14:15
Air Blank	0.000	14:15
Control Test Stats		
Average	0.0773	
Std Dev	0.0006	
Rel Std Dev(%)	0.7466	

wet

Operator's Signature

NAS MAYPORT
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001368
05/05/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:26
Control Test	0.201	14:27
Air Blank	0.000	14:27
Control Test	0.200	14:28
Air Blank	0.000	14:29
Control Test	0.199	14:29
Air Blank	0.000	14:30
Control Test Stats		
Average	0.2000	
Std Dev	0.0010	
Rel Std Dev(%)	0.5000	

Operator's Signature

NAS MAYPORT
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001368
05/05/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:32
Control Test	0.081	14:32
Air Blank	0.000	14:33
Control Test	0.081	14:33
Air Blank	0.000	14:34
Control Test	0.081	14:34
Air Blank	0.000	14:34
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

This is to certify the calibration of Intoxilyzer 8000 serial number 80-001368 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-001368
Owning Agency:	NAS MAYPORT
Calibration Date:	05/08/2023
Calibration Time:	10:27

	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.

05/08/2023
Date

Israel Soto
Digitally signed by Israel Soto
Date: 2023.05.08 10:43:18 -04'00'

ISRAEL SOTO,
Department Inspector

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 80-001368 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-001368
Owning Agency:	NAS MAYPORT
Calibration Date:	05/08/2023
Calibration Time:	14:45

	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.

05/08/2023
Date

Israel Soto
Digitally signed by Israel Soto
Date: 2023.05.08 15:01:14 -04'00'

ISRAEL SOTO,
Department Inspector

NAS MAYPORT
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001368
05/08/2023 11:35:20

Optical Bench Calibration Adjustment

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	0.1270	(-0.0030)	0.1420	(-0.0220)
Sample #2	0.1110	(0.0540)	0.1120	(0.0000)
Sample #3	0.1050	(0.0680)	0.1010	(0.0110)
Sample #4	0.1130	(0.0940)	0.1050	(0.0150)
Avg % Abs	0.1097	(0.0720)	0.1060	(0.0087)
STD DEV	0.0042	(0.0203)	0.0056	(0.0078)
REL STD DEV	3.796	(28.191)	5.253	(89.624)
Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.8770	(-0.0050)	1.5970	(-0.0060)
Sample #2	0.8680	(0.0200)	1.6040	(0.0000)
Sample #3	0.8610	(0.0420)	1.5890	(0.0070)
Sample #4	0.8800	(0.0390)	1.5910	(0.0130)
Avg % Abs	0.8697	(0.0337)	1.5947	(0.0067)
STD DEV	0.0096	(0.0119)	0.0081	(0.0065)
REL STD DEV	1.105	(35.437)	0.511	(97.596)
Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	2.0430	(-0.0090)	3.7740	(-0.0150)
Sample #2	2.0360	(0.0110)	3.7590	(0.0000)
Sample #3	2.0300	(0.0220)	3.7720	(0.0020)
Sample #4	2.0000	(0.0420)	3.7490	(0.0220)
Avg % Abs	2.0220	(0.0250)	3.7600	(0.0080)
STD DEV	0.0193	(0.0157)	0.0115	(0.0122)
REL STD DEV	0.954	(62.865)	0.307	(152.069)
Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	3.8600	(-0.0010)	7.1920	(-0.0110)
Sample #2	3.8330	(0.0260)	7.1440	(0.0290)
Sample #3	3.8400	(0.0350)	7.1300	(0.0360)
Sample #4	3.8280	(0.0470)	7.1320	(0.0440)
Avg % Abs	3.8337	(0.0360)	7.1353	(0.0363)
STD DEV	0.0060	(0.0105)	0.0076	(0.0075)
REL STD DEV	0.157	(29.266)	0.106	(20.657)
Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	5.6640	(-0.0180)	10.4370	(-0.0080)
Sample #2	5.5990	(0.0440)	10.3550	(0.0740)
Sample #3	5.6030	(0.0530)	10.3480	(0.0810)
Sample #4	5.6220	(0.0490)	10.3510	(0.0860)
Avg % Abs	5.6080	(0.0487)	10.3513	(0.0803)
STD DEV	0.0123	(0.0045)	0.0035	(0.0060)
REL STD DEV	0.219	(9.266)	0.034	(7.503)

NAS MAYPORT
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001368
05/08/2023 11:35:20

Optical Bench
Calibration Adjustment

Auto Calibration

	<<<<< 3um >>>>>	<<<<< 9um >>>>>
Zero Order Coef	-263.44	-137.04
First Order Coef	2445.87	1257.98
Second Order Coef	26.65	13.12

3um Act (g/210L)	3um Fit (g/210L)	3um Residual (g/210L)	9um Act (g/210L)	9um Fit (g/210L)	9um Residual (g/210L)
0.000	0.000	-0.0001	0.000	-0.000	0.0001
0.040	0.040	0.0004	0.040	0.040	0.0000
0.100	0.101	-0.0006	0.100	0.100	-0.0003
0.200	0.200	0.0004	0.200	0.200	0.0004
0.300	0.300	-0.0001	0.300	0.300	-0.0001

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

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

Sample		
Sample #1	3150.00	3351.00
Sample #2	3143.00	3355.00
Sample #3	3130.00	3376.00
Sample #4	3153.00	3378.00
Avg	3142.0000	3369.6667
STD DEV	11.5326	12.7410
REL STD DEV	0.367	0.378
H2O adjust (mg/l*10k)	667	440

Barometric Pressure = 1016

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

Post Stability Checks

NAS MAYPORT
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001368
05/08/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:15
Control Test	0.048	12:16
Air Blank	0.000	12:16
Control Test	0.048	12:17
Air Blank	0.000	12:18
Control Test	0.048	12:18
Air Blank	0.000	12:19

Control Test Stats

Average	0.0480
Std Dev	0.0000
Rel Std Dev(%)	0.0000

Operator's Signature

NAS MAYPORT
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001368
05/08/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:21
Control Test	0.078	12:21
Air Blank	0.000	12:22
Control Test	0.077	12:23
Air Blank	0.000	12:23
Control Test	0.077	12:24
Air Blank	0.000	12:24

Control Test Stats

Average	0.0773
Std Dev	0.0006
Rel Std Dev(%)	0.7466

wet

Operator's Signature

NAS MAYPORT
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001368
05/08/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:25
Control Test	0.199	12:26
Air Blank	0.000	12:27
Control Test	0.198	12:27
Air Blank	0.000	12:28
Control Test	0.198	12:29
Air Blank	0.000	12:29

Control Test Stats

Average	0.1983
Std Dev	0.0006
Rel Std Dev(%)	0.2911

Operator's Signature

NAS MAYPORT
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001368
05/08/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:31
Control Test	0.079	12:31
Air Blank	0.000	12:32
Control Test	0.080	12:32
Air Blank	0.000	12:32
Control Test	0.080	12:33
Air Blank	0.000	12:33

Control Test Stats

Average	0.0797
Std Dev	0.0006
Rel Std Dev(%)	0.7247

Dry

Operator's Signature