FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Nassau County S/N 80-001053

Date In 12/14/2020 DI Completion Date 12-15-2020 ☑Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake Performed By DP

☑ 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: ____

Final Release Date

FDLE Alcohol Testing Program Digitally signed by FDLE Alcohol Testing Program Date: 2020.12.18 08:52:59 -05'00'

Quality Checks Performed By IS

☑ Breath Tube Screen
☑ Replace External O-Rings
☑ Instrument Set Up Verified
☑ R-Value 191
☑ Flow Verification (L/s)

Flow Column # ATP-105

32 mm	0.156	(.139 - .169)
36 mm	0.167	(.156 - .190)
53 mm	0.234	(.228 - .278)
103 mm	0.500	(.447 - .547)

☑ Barometric Pressure Check
Gauge ID # 30793
☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	MP5088	201905A 05-14-2021
0.080	MP5086	202010B 10-05-2022
0.200	MP5090	201904D 04-30-2021
0.080 DGS	N/A	AG011102 04-20-2022

Flow Calibration Performed By ____

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 Performed By ____

☐ Battery Replacement
☐ Dry Gas Regulator Replacement
☐ Breath Tube Replacement
☐ Other ____

Temperature Checks Performed By IS

☑ Lab Temp °C 21.14
External Digital Therm. ID#: 300505
☑ 34°C +-.2 Serial #: MP5088
☑ 34°C +-.2 Serial #: MP5086
☑ 34°C +-.2 Serial #: MP5090

Calibration Adjustment Performed By IS

Barometric Pressure Gauge 1017 ID # 28421

Simulator	Serial Number	Lot Number	Expiration
0.000	MP5091	N/A	N/A
0.040	MP5082	20060	02-10-2022
0.100	MP5083	20420	09-22-2022
0.200	MP5084	20160	03-18-2022
0.300	MP5085	20030	01-21-2022
0.080 DGS	N/A	08819080A1	06-05-2021

☑ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	MP5088	201905A	05-14-2021
0.080	MP5086	202010B	10-05-2022
0.200	MP5090	201904D	04-30-2021
0.080 DGS	N/A	AG011102	04-20-2022

Notes/Suggested Service: Pressure difference greater than 10% compared to barometric pressure gauge, performed optical bench calibratio adjust.

Department Inspection Performed By IS

Barometric Pressure ID# 30793
Gauge 1014 Instrument 1014
Mouth Alcohol Solution Lot # 2020-A
Acetone Stock Solution Lot # 2019-A

Simulator	Serial Number
0.000	G11621
Interferent	MP5087
0.050	MP5088
0.080	MP5086
0.200	MP5090

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**

Michael D Haughey 2020.12.16 12:28:35 -05'00'
Tech Review / Date

2020.12.18 08:52:19 -05'00'
Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: NASSAU CO SO
Time of Inspection: 16:06 Date of Inspection: 12/15/2020 Serial Number: 80-001053
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#:201905A Exp: 05/14/2021	0.08g/210L Test (g/210L) Lot#:202010B Exp: 10/05/2022	0.20g/210L Test (g/210L) Lot#:202010D Exp: 10/06/2022	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG011102 Exp: 04/20/2022
0.000	0.048	0.078	0.199	0.079
0.000	0.048	0.078	0.199	0.079
0.000	0.048	0.078	0.198	0.079
0.000	0.047	0.079	0.199	0.079
0.000	0.048	0.079	0.199	0.079
0.000	0.048	0.078	0.200	0.080
0.000	0.048	0.078	0.199	0.079
0.000	0.048	0.078	0.199	0.079
0.000	0.048	0.079	0.199	0.079
0.000	0.049	0.078	0.199	0.079
Standard Deviations	0.0004	0.0004	0.0004	0.0003

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0003 Number of Simulators Used: 5

Remarks:

MX

2020.12.18 08:51:36 -05'00'

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

12/15/2020
Date

FDLE/ATP Form 41 –Revised August 2005

Stability Checks

NASSAU CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001053
12/14/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	16:29
Control Test	0.048	16:30
Air Blank	0.000	16:30
Control Test	0.048	16:31
Air Blank	0.000	16:32
Control Test	0.048	16:32
Air Blank	0.000	16:33

Control Test Stats

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

Operator's Signature

NASSAU CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001053
12/14/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	16:34
Control Test	0.079	16:35
Air Blank	0.000	16:36
Control Test	0.079	16:36
Air Blank	0.000	16:37
Control Test	0.079	16:38
Air Blank	0.000	16:38

Control Test Stats

Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

wet

Operator's Signature

NASSAU CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001053
12/14/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	16:40
Control Test	0.198	16:41
Air Blank	0.000	16:42
Control Test	0.198	16:42
Air Blank	0.000	16:43
Control Test	0.197	16:43
Air Blank	0.000	16:44

Control Test Stats

Average	0.1977	
Std Dev	0.0006	
Rel Std Dev(%)	0.2921	

Operator's Signature

NASSAU CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001053
12/14/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	16:48
Control Test	0.081	16:49
Air Blank	0.000	16:49
Control Test	0.081	16:49
Air Blank	0.000	16:50
Control Test	0.082	16:50
Air Blank	0.000	16:51

Control Test Stats

Average	0.0813	
Std Dev	0.0006	
Rel Std Dev(%)	0.7099	

Dry

Operator's Signature

SR MX
2020.12.18
08:50:45 -05'00'

ilac-MRA

ANAB
ANSI National Accreditation Board
ACCREDITED
ISO/IEC 17025
FORENSIC CALIBRATION LABORATORY

Calibration Certificate

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

This is to certify the calibration of Intoxilyzer 8000 serial number 80-001053 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-001053		UNCERTAINTY* ±
Owning Agency:	NASSAU CO SO	0.050 g/ 210 L	0.004
Calibration Date:	12/15/2020	0.080 g/ 210 L	0.005
Calibration Time:	16:06	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. 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.

12/15/2020
Date

Israel Soto
ISRAEL SOTO,
Department Inspector

FDLE/ATP Form 69 April 2020
Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

2020.12.18
08:50:22 -05'00'

MX

Opt. Bench Cal. Adj.

NASSAU CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001053
12/15/2020 12:16:40

Auto Calibration
Max Power Res Value = 33
Auto Range Res Value = 30

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12807, 9um Io = 13052

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1150	(0.0020)
Sample #2 =	0.0920	(0.0250)
Sample #3 =	0.0520	(0.0490)
Sample #4 =	0.1080	(0.0240)

Avg % Abs = 0.0840 (0.0327)
STD DEV = 0.0288 (0.0142)
REL STD DEV = 34.339 (43.328)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0900	(-0.0170)
Sample #2 =	0.0960	(-0.0350)
Sample #3 =	0.0740	(-0.0190)
Sample #4 =	0.1190	(-0.0330)

Avg % Abs = 0.0963 (-0.0290)
STD DEV = 0.0225 (0.0087)
REL STD DEV = 23.358 (30.061)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12789, 9um Io = 13044

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8460	(-0.0100)
Sample #2 =	0.8810	(-0.0060)
Sample #3 =	0.8830	(0.0020)
Sample #4 =	0.8890	(0.0040)

Avg % Abs = 0.8843 (0.0000)
STD DEV = 0.0042 (0.0053)
REL STD DEV = 0.471 (0.000)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5740	(-0.0110)
Sample #2 =	1.5880	(-0.0050)
Sample #3 =	1.6110	(-0.0250)
Sample #4 =	1.5880	(-0.0050)

Avg % Abs = 1.5957 (-0.0117)
STD DEV = 0.0133 (0.0115)
REL STD DEV = 0.832 (98.974)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12781, 9um Io = 13038

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.9910	(0.0040)
Sample #2 =	1.9540	(0.0270)
Sample #3 =	1.9610	(0.0340)
Sample #4 =	2.0190	(0.0150)

Avg % Abs = 1.9780 (0.0253)
STD DEV = 0.0357 (0.0096)
REL STD DEV = 1.804 (37.930)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6960	(0.0000)
Sample #2 =	3.6620	(0.0110)
Sample #3 =	3.6850	(0.0040)
Sample #4 =	3.7190	(-0.0230)

Avg % Abs = 3.6887 (-0.0027)
STD DEV = 0.0287 (0.0180)
REL STD DEV = 0.777 (673.262)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12774, 9um Io = 13036

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.8410	(-0.0060)
Sample #2 =	3.8670	(0.0150)
Sample #3 =	3.8340	(0.0380)
Sample #4 =	3.8650	(0.0330)

Avg % Abs = 3.8553 (0.0287)
STD DEV = 0.0185 (0.0121)
REL STD DEV = 0.480 (42.198)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	7.1430	(0.0030)
Sample #2 =	7.1400	(0.0090)
Sample #3 =	7.0900	(0.0280)
Sample #4 =	7.1430	(0.0180)

Avg % Abs = 7.1243 (0.0183)
STD DEV = 0.0298 (0.0095)
REL STD DEV = 0.418 (51.842)

SR 2020.12.18 08:49:55 -05'00'

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Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12767, 9um Io = 13031

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.6320	(-0.0240)
Sample #2 =	5.6040	(0.0240)
Sample #3 =	5.5490	(0.0610)
Sample #4 =	5.5740	(0.0570)

Avg % Abs = 5.5757 (0.0473)
STD DEV = 0.0275 (0.0203)
REL STD DEV = 0.494 (42.900)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	10.3030	(-0.0280)
Sample #2 =	10.2660	(0.0190)
Sample #3 =	10.2240	(0.0430)
Sample #4 =	10.2210	(0.0460)

Avg % Abs = 10.2370 (0.0360)
STD DEV = 0.0252 (0.0148)
REL STD DEV = 0.246 (41.107)

***** AUTO CAL DATA *****

<<<<< CHANNEL 1 >>>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.084
Std Dev = 0.03 Rel Std Dev = 34.34
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.884
Std Dev = 0.00 Rel Std Dev = 0.47
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.978
Std Dev = 0.04 Rel Std Dev = 1.80
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.855
Std Dev = 0.02 Rel Std Dev = 0.48
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.576
Std Dev = 0.03 Rel Std Dev = 0.49
Zero Order Coef = -207.22
First Order Coef = 2407.31
Second Order Coef = 33.88
Standard Deviation = 51.675243

<<<<< CHANNEL 2 >>>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.096
Std Dev = 0.02 Rel Std Dev = 23.36
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.596
Std Dev = 0.01 Rel Std Dev = 0.83
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.689
Std Dev = 0.03 Rel Std Dev = 0.78
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 7.124
Std Dev = 0.03 Rel Std Dev = 0.42
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 10.237
Std Dev = 0.03 Rel Std Dev = 0.25
Zero Order Coef = -116.59
First Order Coef = 1254.23
Second Order Coef = 14.76
Standard Deviation = 35.951797

Opt. Bench Cal. Adj.

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.000	0.0001
0.040	0.041	-0.0009
0.100	0.098	0.0016
0.200	0.201	-0.0011
0.300	0.300	0.0004

Solution Stats Quadratic Fit Chan 2

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0001
0.040	0.040	-0.0004
0.100	0.099	0.0011
0.200	0.201	-0.0009
0.300	0.300	0.0003

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 3221.00
Sample #2 = 3156.00
Sample #3 = 3293.00
Sample #4 = 3251.00
Average Result = 3233.3333
STD DEV = 70.1878
REL STD DEV = 2.171
****
***** CHANNEL 2
Sample #1 = 3477.00
Sample #2 = 3432.00
Sample #3 = 3462.00
Sample #4 = 3490.00
Average Result = 3461.3333
STD DEV = 29.0057
REL STD DEV = 0.838
****
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1015
3 um H20 Adjust (mg/l*10,000) = 576
9 um H20 Adjust (mg/l*10,000) = 348
**** AUTO CAL PASS

MX

2020.12.18
08:49:29 -05'00'

Post Stability Checks

NASSAU CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001053
12/15/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:03
Control Test	0.048	14:04
Air Blank	0.000	14:04
Control Test	0.047	14:05
Air Blank	0.000	14:05
Control Test	0.048	14:06
Air Blank	0.000	14:07

Control Test Stats
Average 0.0477
Std Dev 0.0006
Rel Std Dev(%) 1.2112

Operator's Signature

NASSAU CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001053
12/15/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:08
Control Test	0.078	14:08
Air Blank	0.000	14:09
Control Test	0.079	14:09
Air Blank	0.000	14:10
Control Test	0.079	14:11
Air Blank	0.000	14:11

Control Test Stats
Average 0.0787
Std Dev 0.0006
Rel Std Dev(%) 0.7339

wet

Operator's Signature

NASSAU CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001053
12/15/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:12
Control Test	0.198	14:13
Air Blank	0.000	14:13
Control Test	0.197	14:14
Air Blank	0.000	14:15
Control Test	0.198	14:15
Air Blank	0.000	14:16

Control Test Stats
Average 0.1977
Std Dev 0.0006
Rel Std Dev(%) 0.2921

Operator's Signature

NASSAU CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001053
12/15/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:17
Control Test	0.080	14:18
Air Blank	0.000	14:18
Control Test	0.079	14:18
Air Blank	0.000	14:19
Control Test	0.079	14:19
Air Blank	0.000	14:20

Control Test Stats
Average 0.0793
Std Dev 0.0006
Rel Std Dev(%) 0.7277

Dry

Operator's Signature