



INSTRUMENT PROCESSING SHEET

Agency Naval Air Station JacksonvilleS/N 80-002097Florida Department of
Law EnforcementDate In 05-09-2023 DI Completion Date 05-18-2023☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

10 IS 05-18-2023

Intake	By IS	Quality Checks	By IS	Date	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: Left hook on keyboard tray broken		☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>213</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP-103</u> 32 mm <u>0.144</u> (.139 - .169) 36 mm <u>0.160</u> (.156 - .190) 53 mm <u>0.230</u> (.228 - .278) 103 mm <u>0.492</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>28662</u> ☒ Stability Checks		<u>05-23-2023</u>	☐ 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)																													
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Notes/Suggested Service: <u>Barometric pressure greater than 1% compared to Barometric Pressure Gauge. 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																																
Tech Review: Corrected date on Quality Checks. IS 05-18-2023		Taylor Gutschow 15:39:45 -04'00"																																
		Tech Review / Date Admin Review / Date																																

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: NAS JACKSONVILLE PD
Time of Inspection: 13:36

Date of Inspection: 05/18/2023

Serial Number: 80-002097
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	0.079	0.201	0.079
0.000	0.049	0.079	0.202	0.078
0.000	0.049	0.080	0.201	0.078
0.000	0.049	0.079	0.201	0.078
0.000	0.049	0.079	0.202	0.078
0.000	0.049	0.079	0.202	0.078
0.000	0.049	0.080	0.202	0.078
0.000	0.049	0.080	0.202	0.078
0.000	0.049	0.080	0.202	0.078
0.000	0.049	0.080	0.202	0.078
0.000	0.049	0.080	0.202	0.078

Standard Deviations	0.0000	0.0005	0.0004	0.0003
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0003 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

05/18/2023
Date

stability checks

NAS JACKSONVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-002097
05/10/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:33
Control Test	0.048	09:33
Air Blank	0.000	09:34
Control Test	0.047	09:34
Air Blank	0.000	09:35
Control Test	0.048	09:36
Air Blank	0.000	09:36
Control Test Stats		
Average	0.0477	
Std Dev	0.0006	
Rel Std Dev(%)	1.2112	

NAS JACKSONVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-002097
05/10/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:38
Control Test	0.078	09:38
Air Blank	0.000	09:39
Control Test	0.077	09:40
Air Blank	0.000	09:40
Control Test	0.077	09:41
Air Blank	0.000	09:41
Control Test Stats		
Average	0.0773	
Std Dev	0.0006	
Rel Std Dev(%)	0.7466	

NAS JACKSONVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-002097
05/10/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:42
Control Test	0.199	09:43
Air Blank	0.000	09:44
Control Test	0.198	09:44
Air Blank	0.000	09:45
Control Test	0.198	09:46
Air Blank	0.000	09:46
Control Test Stats		
Average	0.1983	
Std Dev	0.0006	
Rel Std Dev(%)	0.2911	

wet


Operator's Signature


Operator's Signature


Operator's Signature

NAS JACKSONVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-002097
05/10/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:47
Control Test	0.080	09:48
Air Blank	0.000	09:48
Control Test	0.080	09:48
Air Blank	0.000	09:49
Control Test	0.079	09:49
Air Blank	0.000	09:50
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

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 80-002097, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-002097</u>	UNCERTAINTY* $\pm$
Owning Agency:	<u>NAS JACKSONVILLE PD</u>	0.050 g/ 210 L 0.004
Calibration Date:	<u>05/18/2023</u>	0.080 g/ 210 L 0.004
Calibration Time:	<u>13:36</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: 2023.05.18 13:56:55 -04'00'

05/18/2023

Date

ISRAEL SOTO,

Department Inspector

FDLE/ATP Form 69 March 2022

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

NAS JACKSONVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-002097
05/18/2023 11:01:36

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	0.0380	(-0.0060)	0.1170	(-0.0070)
Sample #2	0.0860	(0.0070)	0.1170	(0.0000)
Sample #3	0.0770	(0.0510)	0.1410	(0.0130)
Sample #4	0.0390	(0.0860)	0.1190	(0.0270)
Avg % Abs	0.0673	(0.0480)	0.1257	(0.0133)
STD DEV	0.0249	(0.0396)	0.0133	(0.0135)
REL STD DEV	37.049	(82.469)	10.597	(101.273)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.8180	(-0.0120)	1.5680	(0.0020)
Sample #2	0.7950	(0.0210)	1.5470	(0.0210)
Sample #3	0.7760	(0.0700)	1.5330	(0.0440)
Sample #4	0.7690	(0.0850)	1.5220	(0.0460)
Avg % Abs	0.7800	(0.0587)	1.5340	(0.0370)
STD DEV	0.0135	(0.0335)	0.0125	(0.0139)
REL STD DEV	1.725	(57.053)	0.817	(37.547)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	1.8530	(-0.0030)	3.6580	(-0.0110)
Sample #2	1.8380	(0.0180)	3.5840	(0.0510)
Sample #3	1.8260	(0.0470)	3.5830	(0.0520)
Sample #4	1.8300	(0.0720)	3.5870	(0.0750)
Avg % Abs	1.8313	(0.0457)	3.5847	(0.0593)
STD DEV	0.0061	(0.0270)	0.0021	(0.0136)
REL STD DEV	0.334	(59.178)	0.058	(22.882)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	3.5840	(-0.0120)	6.9530	(-0.0080)
Sample #2	3.5300	(0.0680)	6.8800	(0.0740)
Sample #3	3.5450	(0.0850)	6.8700	(0.0970)
Sample #4	3.5500	(0.0780)	6.8630	(0.1060)
Avg % Abs	3.5417	(0.0770)	6.8710	(0.0923)
STD DEV	0.0104	(0.0085)	0.0085	(0.0165)
REL STD DEV	0.294	(11.096)	0.124	(17.873)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	5.2250	(-0.0160)	10.0490	(-0.0030)
Sample #2	5.1880	(0.0590)	9.9560	(0.1120)
Sample #3	5.1670	(0.0850)	9.9250	(0.1450)
Sample #4	5.1910	(0.0830)	9.9220	(0.1360)
Avg % Abs	5.1820	(0.0757)	9.9343	(0.1310)
STD DEV	0.0131	(0.0145)	0.0188	(0.0171)
REL STD DEV	0.252	(19.121)	0.189	(13.022)

NAS JACKSONVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-002097
05/18/2023 11:01:36

Optical Bench
Calibration Adjustment

AS

Auto Calibration

pg 2 of 2

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

Zero Order Coef -172.60
First Order Coef 2635.72
Second Order Coef 29.65

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

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

-156.99
1319.58
13.43

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0002
0.040	0.040	0.0001
0.100	0.100	0.0003
0.200	0.200	-0.0004
0.300	0.300	0.0002

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

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

Sample	3um	9um
Sample #1	3363.00	3377.00
Sample #2	3366.00	3387.00
Sample #3	3420.00	3410.00
Sample #4	3377.00	3415.00
Avg	3387.6667	3404.0000
STD DEV	28.5365	14.9332
REL STD DEV	0.842	0.439
H2O adjust (mg/l*10k)	422	405

Barometric Pressure = 1011

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

Post Stability Checks

NAS JACKSONVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-002097
05/18/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:51
Control Test	0.050	11:52
Air Blank	0.000	11:52
Control Test	0.050	11:53
Air Blank	0.000	11:53
Control Test	0.049	11:54
Air Blank	0.000	11:55
Control Test Stats		
Average	0.0497	
Std Dev	0.0006	
Rel Std Dev(%)	1.1625	

Operator's Signature

NAS JACKSONVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-002097
05/18/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:56
Control Test	0.079	11:56
Air Blank	0.000	11:57
Control Test	0.079	11:58
Air Blank	0.000	11:58
Control Test	0.079	11:59
Air Blank	0.000	11:59
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

wet

Operator's Signature

NAS JACKSONVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-002097
05/18/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:01
Control Test	0.202	12:01
Air Blank	0.000	12:02
Control Test	0.202	12:02
Air Blank	0.000	12:03
Control Test	0.200	12:04
Air Blank	0.000	12:04
Control Test Stats		
Average	0.2013	
Std Dev	0.0012	
Rel Std Dev(%)	0.5735	

Operator's Signature

NAS JACKSONVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-002097
05/18/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:05
Control Test	0.078	12:05
Air Blank	0.000	12:06
Control Test	0.078	12:06
Air Blank	0.000	12:07
Control Test	0.079	12:07
Air Blank	0.000	12:07
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

Dry

Operator's Signature