FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency St. Johns County S/N 80-001133

Date In 7/17/2019 DI Completion Date 7/25/19 ☒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
JUL 29 2019
Alcohol Testing Program

Quality Checks Performed By DGM

- ☒ Breath Tube Screen
- ☒ Replace External O-Rings
- ☒ Instrument Set Up Verified
- ☒ R-Value 102
- ☒ Flow Verification (L/s)

Flow Column # ATP102

32 mm	.132	(.139 - .169)
36 mm	.148	(.156 - .190)
53 mm	.234	(.228 - .278)
103 mm	.498	(.447 - .547)

- ☒ Barometric Pressure Check

Gauge ID # 28427

- ☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD1018	201905A 5/14/21
0.080	SD3962	201905B 5/14/21
0.200	G2078	201904D 4/30/21
0.080 DGS	N/A	AG916501 6/14/21

Flow Calibration Performed By DGM

Flow Column # ATP105

- ☒ 5L/min – 17mm
- ☒ 15L/min – 53mm
- ☒ 30L/min – 103mm
- ☒ R-Value 102
- ☒ Post Calibration Verification (L/s)

Flow Column # ATP102

32 mm	.152	(.139 - .169)
36 mm	.164	(.156 - .190)
53 mm	.248	(.228 - .278)
103 mm	.508	(.447 - .547)

Maintenance Performed By _____

- ☐ Battery Replacement
- ☐ Dry Gas Regulator Replacement
- ☐ Breath Tube Replacement
- ☐ Other _____

Temperature Checks Performed By DGM

- ☒ Lab Temp °C 21.4

External Digital Therm. ID#: 300503

- ☒ 34°C +-.2 Serial #: SD1018
- ☒ 34°C +-.2 Serial #: SD3962
- ☒ 34°C +-.2 Serial #: G2078

Calibration Adjustment Performed By _____

Barometric Pressure Gauge _____ ID # _____

Simulator	Serial Number	Lot Number	Expiration
0.000		N/A	N/A
0.040			
0.100			
0.200			
0.300			
0.080 DGS	N/A		

☐ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050			
0.080			
0.200			
0.080 DGS	N/A		

Department Inspection Performed By DGM

Barometric Pressure ID# 28427

Gauge 1014 Instrument 1008

Mouth Alcohol Solution Lot # 2018-B

Acetone Stock Solution Lot # 2019-A

Simulator	Serial Number
0.000	G4444
Interferent	G6621
0.050	SD1018
0.080	SD3962
0.200	G2078

Attachments

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

Notes/Suggested Service: _____

- ☒ **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**

SP 7/25/19 — Tech Review / Date

7/25/19 — Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: ST JOHNS COUNTY SO
Time of Inspection: 11:42 Date of Inspection: 07/25/2019 Serial Number: 80-001133
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#:201905B Exp: 05/14/2021	0.20g/210L Test (g/210L) Lot#:201904D Exp: 04/30/2021	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG916501 Exp: 06/14/2021
0.000	0.048	0.079	0.199	0.080
0.000	0.049	0.079	0.200	0.079
0.000	0.048	0.079	0.201	0.079
0.000	0.049	0.079	0.201	0.079
0.000	0.049	0.079	0.201	0.079
0.000	0.049	0.079	0.201	0.079
0.000	0.049	0.079	0.201	0.079
0.000	0.049	0.079	0.201	0.080
0.000	0.049	0.080	0.200	0.080
0.000	0.049	0.080	0.201	0.079

Standard Deviations	0.0004	0.0004	0.0006	0.0004

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 Number of Simulators Used: 5

Remarks:

SP

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.

Patrick J Murphy PATRICK J MURPHY
Signature and Printed Name

07/25/2019
Date

7/25/19
SP

FDLE/ATP Form 41 –Revised August 2005

ST JOHNS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001133
07/25/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:41
Control Test	0.048	08:42
Air Blank	0.000	08:42
Control Test	0.048	08:43
Air Blank	0.000	08:44
Control Test	0.048	08:44
Air Blank	0.000	08:45
Control Test Stats		
Average	0.0480	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

P Murphy
Operator's Signature

ST JOHNS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001133
07/25/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:46
Control Test	0.079	08:47
Air Blank	0.000	08:47
Control Test	0.079	08:48
Air Blank	0.000	08:49
Control Test	0.078	08:49
Air Blank	0.000	08:50
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

P Murphy
Operator's Signature

ST JOHNS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001133
07/25/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:52
Control Test	0.200	08:52
Air Blank	0.000	08:53
Control Test	0.199	08:54
Air Blank	0.000	08:54
Control Test	0.198	08:55
Air Blank	0.000	08:56
Control Test Stats		
Average	0.1990	
Std Dev	0.0010	
Rel Std Dev(%)	0.5025	

P Murphy
Operator's Signature

ST JOHNS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001133
07/25/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:00
Control Test	0.079	09:00
Air Blank	0.000	09:01
Control Test	0.080	09:01
Air Blank	0.000	09:02
Control Test	0.080	09:02
Air Blank	0.000	09:03
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

DGS

P Murphy
Operator's Signature

SP

ST JOHNS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001133
07/25/2019
Software: 8100.27

Flow Rate Calibration********
1: Rate (Liters/min) = 5
SQRT(Diff)) = 4.898
2: Rate (Liters/min) = 15
SQRT(Diff)) = 9.898
3: Rate (Liters/min) = 30
SQRT(Diff)) = 20.047
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 635
Rounded Intercept = -220882
Correlation = 0.99690

7/25/19
SP

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 80-001133 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-001133
Owning Agency:	ST JOHNS COUNTY SO
Calibration Date:	07/25/2019
Calibration Time:	11:42

	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).

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.

This document shall not be reproduced except in full, without written approval of the Florida Department of Law Enforcement Alcohol Testing Program.

07/25/2019
Date

Patrick J Murphy
PATRICK J MURPHY,
Department Inspector

FDLE/ATP Form 69 July 2018
Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

7/25/19