



# INSTRUMENT PROCESSING SHEET

Agency Brevard CSO

S/N 80-001004

Florida Department of  
Law Enforcement

Date In 11/03/2020 DI Completion Date 11/4/2020

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

## Intake Performed By TDG

- ☒ 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 Performed By TDG

- ☒ Breath Tube Screen  
☒ Replace External O-Rings  
☒ Instrument Set Up Verified  
☒ R-Value 189

### Flow Verification (L/s)

Flow Column #	ATP106	
32 mm	<u>0.140</u>	(.139 - .169)
36 mm	<u>0.152</u>	(.156 - .190)
53 mm	<u>0.246</u>	(.228 - .278)
103 mm	<u>0.500</u>	(.447 - .547)

### Barometric Pressure Check

Gauge ID # 68639

### Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	MP4863	201905A 05/14/2021
0.080	MP4864	201905B 05/14/2021
0.200	MP5097	201904D 04/30/2021
0.080 DGS	N/A	AG003005 01/30/2022

## Flow Calibration Performed By MH

Flow Column # ATP 101

- ☒ 5L/min - 17mm  
☒ 15L/min - 53mm  
☒ 30L/min - 103mm  
☒ R-Value 192/193  
☒ Post Calibration Verification (L/s)

Flow Column # ATP106

32 mm	<u>0.144/0.148</u>	(.139 - .169)
36 mm	<u>0.156/0.160</u>	(.156 - .190)
53 mm	<u>0.226/0.234</u>	(.228 - .278)
103 mm	<u>0.500/0.500</u>	(.447 - .547)

## Maintenance Performed By MH

- ☐ Battery Replacement  
☐ Dry Gas Regulator Replacement  
☐ Breath Tube Replacement  
☒ Other DG Cal

## Temperature Checks Performed By TDC

- ☒ Lab Temp °C 22.37  
External Digital Therm. ID#: 300504  
☒ 34°C +- .2 Serial #: MP4863  
☒ 34°C +- .2 Serial #: MP4864  
☒ 34°C +- .2 Serial #: MP5097

## Final Release Date

FDLE  
Alcohol  
Testing  
Program

Digitally signed  
by FDLE Alcohol  
Testing Program  
Date: 2020.11.09  
10:27:15 -05'00'

## 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		

Notes/Suggested Service: \_\_\_\_\_

## Department Inspection

Performed By MH

Barometric Pressure ID# 28199

Gauge 1020 Instrument 1020

Mouth Alcohol Solution Lot # 2020-A

Acetone Stock Solution Lot # 2019-A

Simulator	Serial Number
0.000	SD1014
Interferent	SD1015
0.050	MP4863
0.080	MP4864
0.200	MP5097

## Attachments

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

David Soto 11-05-2020

Tech Review / Date

SR 2020.11.09 10:24:50

Admin Review / Date



# Florida Department of Law Enforcement Alcohol Testing Program

## DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: BREVARD COUNTY S.O.

Time of Inspection: 15:41

Date of Inspection: 11/04/2020

Serial Number: 80-001004

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#:AG003005 Exp: 01/30/2022
0.000	0.050	0.079	0.201	0.078
0.000	0.050	0.079	0.201	0.079
0.000	0.050	0.080	0.201	0.079
0.000	0.050	0.079	0.200	0.079
0.000	0.049	0.080	0.201	0.078
0.000	0.050	0.080	0.200	0.079
0.000	0.049	0.079	0.201	0.079
0.000	0.050	0.080	0.201	0.079
0.000	0.050	0.079	0.201	0.079
0.000	0.049	0.080	0.201	0.079

Standard Deviations	0.0004	0.0005	0.0004	0.0004
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 Number of Simulators Used: 5

Remarks:

*DS*

*SR* 2020.11.  
09  
10:25:13  
-05'00"

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.

*Michael D Haughey*

MICHAEL D HAUGHEY

Signature and Printed Name

11/04/2020  
Date

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-00 1004	Breard CSO	11/04/2020	TDG <i>ML</i>

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
0.047 to 0.053	0.077 to 0.083	0.194 to 0.206	0.077 to 0.083
<p>BREARD COUNTY S.O. Intoxilyzer - Alcohol Analyzer Model 8000 11/04/2020 Software: 8100.27</p> <p>SN 80-001004</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 09:39 Control Test 0.050 09:40 Air Blank 0.000 09:41 Control Test 0.050 09:41 Air Blank 0.000 09:42 Control Test 0.051 09:43 Air Blank 0.000 09:43 Control Test Stats Average 0.0503 Std Dev 0.0006 Rel Std Dev(%) 1.1471</p>	<p>BREARD COUNTY S.O. Intoxilyzer - Alcohol Analyzer Model 8000 11/04/2020 Software: 8100.27</p> <p>SN 80-001004</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 09:46 Control Test 0.080 09:47 Air Blank 0.000 09:47 Control Test 0.080 09:48 Air Blank 0.000 09:49 Control Test 0.080 09:49 Air Blank 0.000 09:50 Control Test Stats Average 0.0800 Std Dev 0.0000 Rel Std Dev(%) 0.0000</p>	<p>BREARD COUNTY S.O. Intoxilyzer - Alcohol Analyzer Model 8000 11/04/2020 Software: 8100.27</p> <p>SN 80-001004</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 09:54 Control Test 0.200 09:55 Air Blank 0.000 09:55 Control Test 0.201 09:56 Air Blank 0.000 09:56 Control Test 0.200 09:57 Air Blank 0.000 09:58 Control Test Stats Average 0.2003 Std Dev 0.0006 Rel Std Dev(%) 0.2882</p>	<p><i>DGS</i></p> <p>BREARD COUNTY S.O. Intoxilyzer - Alcohol Analyzer Model 8000 11/04/2020 Software: 8100.27</p> <p>SN 80-001004</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 09:59 Control Test 0.079 10:00 Air Blank 0.000 10:00 Control Test 0.079 10:01 Air Blank 0.000 10:01 Control Test 0.080 10:01 Air Blank 0.000 10:02 Control Test Stats Average 0.0793 Std Dev 0.0006 Rel Std Dev(%) 0.7277</p>
<p><i>ML</i></p> <p>Operator's Signature</p>	<p><i>ML</i></p> <p>Operator's Signature</p>	<p><i>ML</i></p> <p>Operator's Signature</p>	<p><i>ML</i></p> <p>Operator's Signature</p>

Comments:

2020.11.  
09  
10:25:47  
05'00"





# Calibration Certificate

Florida Department of Law Enforcement  
Alcohol Testing Program  
4700 Terminal Drive, Suite 1  
Ft. Myers, FL 33907

This is to certify the calibration of Intoxilyzer 8000 serial number 80-001004, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001004</u>	UNCERTAINTY* $\pm$
Owning Agency:	<u>BREVARD COUNTY S.O.</u>	0.050 g/ 210 L 0.004
Calibration Date:	<u>11/04/2020</u>	0.080 g/ 210 L 0.005
Calibration Time:	<u>15:41</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  $\pm 0.005$  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.  
This document shall not be reproduced except in full, without written approval of the Florida Department of Law Enforcement Alcohol Testing Program.

FDLE/ATP Form 69 April 2020

Issuing Authority: Alcohol Testing Program

11/04/2020

Date

  
MICHAEL D HAUGHEY,  
Department Inspector

Service • Integrity • Respect • Quality

80-001004  
Flow Calibration  
11/4/2020  
MKT

#1

BREWARD COUNTY S.O.  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-001004  
11/04/2020  
Software: 8100.27

Flow Rate Calibration\*\*\*\*\*  
1: Rate (Liters/min) = 5  
SORT(Diff) ) = 7.348  
2: Rate (Liters/min) = 15  
SORT(Diff) ) = 12.000  
3: Rate (Liters/min) = 30  
SORT(Diff) ) = 21.375  
Dependent Data Scale Factor = 100000 L/min  
Independent Data Scale Factor = 256  
Rounded Slope = 686  
Rounded Intercept = -716819  
Correlation = 0.99704

BREWARD COUNTY S.O.  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-001004  
11/04/2020  
Software: 8100.27

Flow Rate Calibration\*\*\*\*\*  
1: Rate (Liters/min) = 5  
SORT(Diff) ) = 7.000  
2: Rate (Liters/min) = 15  
SORT(Diff) ) = 11.871  
3: Rate (Liters/min) = 30  
SORT(Diff) ) = 21.164  
Dependent Data Scale Factor = 100000 L/min  
Independent Data Scale Factor = 256  
Rounded Slope = 682  
Rounded Intercept = -662140  
Correlation = 0.99799

#2

2020.11.  
09  
10:26:32  
-05'00'