



**STATE OF OKLAHOMA  
BOARD OF TESTS FOR ALCOHOL AND DRUG INFLUENCE**

Post Office Box 36307

Oklahoma City, Oklahoma 73136-2307  
Phone: (405) 425-2460 Fax: (405) 425-2490  
www.bot.ok.gov

Dr. Jarrad Wagner, Ph.D. F-ABFT  
Chairman


Joshua Smith  
Director

ATTESTATION

I, the undersigned Joshua Smith (Director/Records Custodian), attest under oath pursuant to 12 O.S. §2902 (11)(a) this record was made, at or near the time of the occurrence of the matters set forth by or from information transmitted by a person having knowledge of those matters; was kept in the course of the regularly conducted business activity of the Board; and was made pursuant to the regularly conducted activity. The duplicate record provided is listed below:

- 1) The attached "Service Overview" is a true and accurate copy of maintenance performed on the Intoxilyzer 8000, serial number 80-002591 , in compliance with the agency's Maintenance Policy and Procedures.

This packet consists of 12 pages.

Signed 

Name of Position: Director/Records Custodian

Date of Attestation: 12/8/2020

# Service Overview

Board of Tests for Alcohol and Drug Influence  
Enhancing public safety by ensuring the accuracy and scientific reliability  
of blood and breath testing



3600 N. Martin Luther King Bldg #9  
Oklahoma City, OK 73111  
405-425-2460

**BENCH CHECK DATE:** 12-08-2020

**SERIAL:** 80-002591

## **DOCUMENTATION WITHIN SERVICE PACKET:**

- BOT Certificate of Calibration and Operation
- Bench Check
- Bench Check Technician's Report
- CMI Service Evaluation Form
- CMI Work Order
- BOT Certificates of Analysis on Certified Solutions (4)



**STATE OF OKLAHOMA  
BOARD OF TESTS FOR ALCOHOL AND DRUG INFLUENCE**

Administrative Office at:  
Board of Tests for Alcohol and Drug Influence  
Post Office Box 36307  
Oklahoma City, Oklahoma 73136-2307

**Certificate of Calibration and Operation**

This is to certify that the calibration of **INTOXILYZER 8000**, serial number 80-002591, manufactured by CMI Inc., a subsidiary of MPD, Inc. of Owensboro, Kentucky, was tested and found to be in compliance with National Highway Traffic Safety Administration Standard for Devices to Measure Breath Alcohol (F.R., No. 179 48705-48710 Sept. 17, 1993) and with International Recommendation OIML R 126 Edition 1998 (E). Calibration solutions are traceable to NIST standard material 1828.

In addition the operational procedures and functions of this Intoxilyzer have also been tested and found to be in compliance with the Oklahoma Board of Tests for Alcohol and Drug Influence - Rules and Regulations OAC Title 40: 25-1-2 and 30-1-3 and is hereby certified for use as an evidential breath testing device within this state.

CERTIFICATION TYPE	DATE
Board of Tests Bench Check	05-27-08
Board of Tests Bench Check	02-22-10
Manufacturer Calibration	01-26-11
Board of Tests Bench Check	03-07-11
Board of Tests Bench Check	08-31-11
Manufacturer Calibration	10-03-13
Board of Tests Bench Check	10-07-13
Manufacturer Calibration	10-06-14
Board of Tests Bench Check	10-21-14
Manufacturer Calibration	06-30-15
Board of Tests Bench Check	07-27-15
Manufacturer Calibration	03-08-16
Board of Tests Bench Check	03-14-16
Board of Tests Bench Check	10-02-17
Board of Tests Bench Check	10-24-18
Manufacturer Calibration	12-05-19
Manufacturer Calibration	07-22-20
Board of Tests Bench Check	07-30-20
Board of Tests Bench Check	12-08-20



Presentation of this form certifies that the Intoxilyzer, SN: 80-002591, functioned properly at the time of the breath test and hereby certifies the breath test result as valid.

Date:

Re: Request for Log of Test on Intoxilyzer 8000

Name:

Dear Sir:

The Log of Test information from a breath test conducted on a Intoxilyzer 8000 is printed in Section 2 of the Affidavit and is no longer retained as a separate form as with the Intoxilyzer 5000. The 8000 uses a nitrogen/ethanol dry gas for the external control test. The dry gas cylinder has the capacity to perform approximately 325 tests and does not require maintenance until its expiration date or can no longer provide the required pressure to perform a control test. The cylinder has an expiration date of two years from date filled at the manufacturer and is programmed in the 8000 upon installation, both dates are printed in Section 2 of the Affidavit. The Intoxilyzer is programmed to disable itself when the date of expiration is reached or the pressure monitor indicates 25 lbs psi.

Due to the reliability and stability of dry gas, maintenance on the 8000 is not required every 30 days or 25 tests, therefore maintenance is no longer performed by officers in the field. The Board of Tests for Alcohol and Drug Influence certifies each Intoxilyzer 8000 for field use by performing a bench check. The bench check is designed to check the operation and procedures programmed in the 8000 to ensure it is functioning properly for use in Oklahoma. A bench check is performed every time a new dry gas cylinder is installed or the instrument has returned from the manufacturer for repair. Once the instrument passes the bench check, all that is required to set it up for field use is to plug it in and turn it on and does not require a permit to set up. The Board of Tests has the ability to monitor each instrument once it is set up in the field.

Each Intoxilyzer has a database of valid permit numbers that it checks prior to allowing a breath test to be performed. The database is updated on a regular basis, if a permit number is invalid that officer will not be able to conduct a breath test on the 8000. If the 8000 prints an affidavit the breath test operator listed in Section 2 had a valid permit at the time of the test and the breath test is valid.

If you have any further questions please feel free to call me.

Sincerely,



J. Robert Blakeburn (OBA11059)  
State Director of Tests for Alcohol  
and Drug Influence

**STATE OF OKLAHOMA - DEPARTMENT OF PUBLIC SAFETY  
CMI INTOXILYZER BENCH CHECK PROCEDURE REPORT**

BENCH CHECK DATE 12/08/2020	TIME PROCEDURE BEGAN 13:28	INSTRUMENT LOCATION ALPHA INSTRUMENT
INSTRUMENT TYPE Intoxilyzer	INSTRUMENT MODEL I-8000	INSTRUMENT SERIAL NUMBER 80-002591

**TEST RESULTS**

**Diagnostics**

PASS

**Mouth Alcohol Test**

PASS

**RFI Test**

PASS

**Abort Test**

PASS

**Improper Sample Test**

PASS

**Interferent Detect Test**

PASS

**No Sample Given Test**

PASS

**Insufficient Sample Test**

PASS

**Air Blank Contamination Test**

PASS

**Range Exceeded Test**

PASS


**Duplicate Breath Sampling Results**

Value	Test 1	Test 2	Control Test
.02	0.021	0.018	0.021
.04	0.040	0.038	0.040
.10	0.100	0.099	0.100
.20	0.203	0.199	0.202

PASS

**CERTIFYING TECHNICIAN**

I swear under penalty of perjury that in regards to the above listed instrument, I have complied with the Intoxilyzer Bench Checking Procedure approved by the State of Oklahoma.

SIGNATURE  23020	DATE 12/8/2020
NAME PAPE, CHRISTOPHER	PERMIT # 0000023020



3600 N. Martin Luther King Bldg #9  
Oklahoma City, OK 73111  
405-425-2460

## BENCH CHECK TECHNICIAN'S REPORT

**Date:** 12/08/2020

**Start Time:** 13:28

**End Time:** 14:10

### INSTRUMENT

Intoxilyzer Model

Serial #

8000	80-002591
------	-----------

### GAS CANISTER

LOT #

EXP Date

N/A	N/A
-----	-----

### REFERENCE

Simulator Model			
Guth 2100	Guth 2100	Guth 2100	Guth 2100
Serial #			
DR2834	DR3700	DR2455	DR3470
Concentration			
.02	.04	.10	.20
LOT #			
20070	20060	20190	20160
Manufactured Date			
02/13/2020	02/10/2020	04/06/2020	03/18/2020
Expiration Date			
02/13/2022	02/10/2022	04/06/2022	03/18/2022
Solution Commission Date			
12/1/2020	12/1/2020	12/1/2020	12/1/2020

### REASON FOR BENCH CHECK

- POST REPAIR    CYLINDER REPLACEMENT  
 TROUBLESHOOTING    ROUTINE MAINTENANCE

### COMMENTS

Unit sent to CMI for High solution reading. Issue could not be duplicated and bench check shows solution readings at the correct value.

*Christopher Pape* 23020

Technician Signature / Permit #

Christopher Pape #23020

Printed Name

# CMI INC.

## Service Evaluation Form

**This form MUST be completed and enclosed with instrument to be serviced.  
Failure to complete and return this form may cause delays in service.**

**(Note: please ship items in their original shipping container(s) or a similar protective box.)**

1. Contact information:      Customer Number      **731362**      (contact Customer Service)  
 Name:      **Board of Tests**      Phone: **(405) 425 2460**  
 Fax: **(405) 425 2490**      Email: **christopher.pape@bot.ok.gov**

2. Bill to Address:      **Board of Tests**      Ship to Address:      **Board of Tests**  
                                  **3600 N ML King, Bldg 9**                                        **3600 N ML King, Bldg 9**  
                                  **OKC, OK 73111**                                        **OKC, OK 73111**

3. Serial Number:      **80-002591**      Instrument Model:      **Intoxilyzer 500 / 8000**

4. Detailed Description of Problem:  
**90 day warranty claim, unit is reading a new .20 guth solution at .23.**

\*\*\*Hazardous Material Warning! - DO NOT return gas cylinders with instrument!\*\*\*

I Authorize Repairs Up To:       All       \$250       \$500       \$750       Other \$ \_\_\_\_\_  
 Purchase Order Number (attach a copy of P.O. if applicable) \_\_\_\_\_

Authorized By:

Ship to:

**Chris Pape**

**Breath Testing Admin**

Name (Please Print)

Title

CMI, Inc

Signature

10/06/2020

Date

Attn: Service Dept.

316 East Ninth Street

Owensboro, KY 42303

Call: 405-425-2460 or email

No, please send estimate before repairs are made.

Note: An estimate will be faxed before performing any repairs and may cause delays in service.  
 An evaluation fee (\$79.00 or actual costs) will apply to estimates that are not repaired.



SERVICE WORK ORDER

DATE: 10/13/2020

316 E 9th Street / Owensboro KY 42303 / USA  
Phone: 866-835-0690 Fax: 270-685-6268

405396

**Bill To:**  
Oklahoma Board Of Tests  
Blvd Adcu Annex Bldg #9  
3600 Martin Luther King  
Oklahoma City, OK 73136-3000  
USA  
Customer #: 731362  
Phone: 405-425-2424  
Fax: 405-425-2490 fax

**Ship To:**  
Oklahoma Board Of Tests  
Blvd Adcu Annex Bldg #9  
3600 Martin Luther King  
Oklahoma City OK 73136-3000  
USA  
Phone: 405-425-2424

MODEL #: 002480OK

Serial Number: 80-002591

BILL CODE: 90 Day Service  
Warranty

EXTRA PARTS RCVD:

BT, SHELF

DESCRIPTION OF PROBLEM

UNIT READING A NEW .20 GUTH SOLUTION AT .23.

WORK PERFORMED:

could not duplicate reading of .230 for .200 solution; FINAL TEST ONLY; left records in memory; read .200/.201/.199/.199/.198 for .200 solution on FINAL TEST; Chris Pape was notified of results;

PARTS USED

Seq. No.	Part	Description	Quantity
90	441169	COVER DUST,5/8in x 1/2in	1.00 EA
100	470145	CAP,PLASTIC,,.25IDx.50LG,RED	3.00 EA
110	470154	CAP,PLSTC,,.406IDx.438-.562,RED	1.00 EA
120	470218	SEAL,TAMPER EVIDENT,SERVICE	1.00 EA

LABOR / TESTING

Misc Code	Description	Hours
LABR	Service Repair Labor	
LFT	Service - Cal / Final Test	1.00

Technician Name: Dewayne Varvel

SRV4053960001





Certificate of Analysis - Wet Bath	
8/11/2020	0.020
Date of Analysis	Labelled tar value (g/210L)
20070	0.020
Lot Number	Average tar report (g/210L)
christopher Pipe	
BOT Technician Name and Signature	



# GUTH LABORATORIES, INC.

136 NORTH GAIN STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

BRT Form 6.0

In accordance with BRT - 2.2.0, Maintenance, the above referenced simulator solution is suitable for use as an external reference in maintenance of the Intoxilyzer 8000.

## CERTIFICATE OF ANALYSIS

RCV'D  
6/1/2020  
CP

ALPHA INSTRUMENT 2  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-004923  
08/11/2020 09:42

### Certified Alcohol Reference Solution for Simulator

Test	g/210L	Time
Air Blank	0.000	09:42
Cal Check	0.020	09:43
Air Blank	0.000	09:43
Cal Check	0.020	09:44
Air Blank	0.000	09:45
Cal Check	0.020	09:45
Air Blank	0.000	09:46
Cal Check	0.020	09:47
Air Blank	0.000	09:47
Cal Check	0.021	09:48
Air Blank	0.000	09:48
Cal Check	0.020	09:49
Air Blank	0.000	09:49
Cal Check	0.020	09:50
Air Blank	0.000	09:51
Cal Check	0.020	09:51
Air Blank	0.000	09:52
Cal Check	0.020	09:53
Air Blank	0.000	09:53
Cal Check	0.019	09:54
Air Blank	0.000	09:54
Cal Check Stats		
Average	0.0200	
Std Dev	0.0004	
Rel Std Dev(%)	2.3569	

Random Samples of Lot Number **20070** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **February 17, 2020**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.0242%** (w/vol) ethyl alcohol. The expiration date for this lot number is **February 13, 2022** at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of **0.020 g/210L +/- 3%**.

The alcohol and water used in this solution were free of test interfering substances.

Operator's Signature

Ted L. Pauley, President  
GUTH LABORATORIES, INC.

#### NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number FN08031603 whose values are traceable to NIST.  
All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.

Certificate of Analysis - Wet Bath	
Date of Analysis	7/22/2020
Labelled target value (g/210L)	0.040
Lot Number	20060
Average test result (g/210L)	0.040
In accordance with BRT - 2.2.0, Maintenance, the above referenced simulator solution is suitable for use as an external reference in maintenance of the Intoxilyzer 8000.	



10/12

**GUTH LABORATORIES, INC.**  
 600 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470  
 BOT Technician Name and Signature: Christopher Papa  
 BRT Form 6.0

### CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

RCV'D  
6/1/20  
CP

ALPHA UNIT SUB  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-003400  
 07/22/2020 14:57

Random Samples of Lot Number **20060** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **February 11, 2020**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.0483%** (w/vol) ethyl alcohol. The expiration date for this lot number is **February 10, 2022** at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of **0.040 g/210L +/- 3%**.

The alcohol and water used in this solution were free of test interfering substances.

Test	g/210L	Time
Air Blank	0.000	14:57
Cal Check	0.040	14:58
Air Blank	0.000	14:59
Cal Check	0.039	14:59
Air Blank	0.000	15:00
Cal Check	0.039	15:01
Air Blank	0.000	15:01
Cal Check	0.039	15:02
Air Blank	0.000	15:02
Cal Check	0.039	15:03
Air Blank	0.000	15:04
Cal Check	0.039	15:04
Air Blank	0.000	15:05
Cal Check	0.040	15:06
Air Blank	0.000	15:06
Cal Check	0.040	15:07
Air Blank	0.000	15:07
Cal Check	0.040	15:08
Air Blank	0.000	15:09
Cal Check	0.040	15:09
Air Blank	0.000	15:10
Cal Check Stats		
Average	0.0395	
Std Dev	0.0005	
Rel Std Dev(%)	1.3342	

*Ted L. Pauley*

Ted L. Pauley, President  
 GUTH LABORATORIES, INC.

*Christopher Papa*  
 Operator's Signature

**NIST Traceability:**

Testing was conducted using Cerilliant Reference Standard lot number **FNI2181501** whose values are traceable to NIST.  
 All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.



06/16/20	.100
Date of Analysis	Labelled target value (g/210L)
20190	.098
Lot Number	Average test result (g/210L)
John Smith	
BOT Technician Name and Signature	

**GUTH LABORATORIES, INC.**  
 1115 E. 12th St., P.O. Box 211, Erie, PA 16511-0211 • TELEPHONE: 717-564-5470

In accordance with BRT - 2.2.0, Maintenance, the above referenced simulator solution is suitable for use as an external reference in maintenance of the Intoxilyzer 8000.

Rec'd  
06/11/2020  
*[Signature]*

**CERTIFICATE OF ANALYSIS**

ALPHA INSTRUMENT  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-002591  
 06/16/2020 16:18

**Certified Alcohol Reference Solution for Simulator**

Test	g/210L	Time
Air Blank	0.000	16:18
Cal Check	0.099	16:19
Air Blank	0.000	16:20
Cal Check	0.098	16:20
Air Blank	0.000	16:21
Cal Check	0.097	16:22
Air Blank	0.000	16:22
Cal Check	0.098	16:23
Air Blank	0.000	16:24
Cal Check	0.098	16:24
Air Blank	0.000	16:25
Cal Check	0.098	16:26
Air Blank	0.000	16:26
Cal Check	0.098	16:27
Air Blank	0.000	16:27
Cal Check	0.097	16:28
Air Blank	0.000	16:29
Cal Check	0.098	16:29
Air Blank	0.000	16:30
Cal Check	0.098	16:31
Air Blank	0.000	16:31
Cal Check Stats		
Average	0.0979	
Std Dev	0.0005	
Rel Std Dev(%)	0.5798	

Random Samples of Lot Number **20190** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **April 8, 2020**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1206%** (w/vol) ethyl alcohol. The expiration date for this lot number is **April 6, 2022** at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of **0.100 g/210L +/- 3%**.

The alcohol and water used in this solution were free of test interfering substances.

*[Signature]*  
 Operator's Signature 16037

*[Signature]*  
 Ted L. Pauley, President  
 GUTH LABORATORIES, INC.

**NIST Traceability:**  
 Testing was conducted using Cerilliant Reference Standard lot number FN02271802 whose values are traceable to NIST.  
 All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.



Certificate of Analysis - Wet Bath	
07/07/2020	0.200
Date of Analysis	Labeled Weight value (g/210L)
20160	0.197
Lot Number	Actual Test Result (g/210L)
Christopher Page	20160
BOT Technician Name and Signature	

**GUTH LABORATORIES, INC.**  
 850 NORTH 57th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-684-5470

BRT Form 6.0

In accordance with BRT -- 2.2.0, Maintenance, the above referenced simulator solution is suitable for use as an external reference in maintenance of the Intoxilyzer 8000.

### CERTIFICATE OF ANALYSIS

*Rec'd  
05/2020  
CP*

Certified Alcohol Reference Solution for Simulator

LP4A UNIT SUB  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 00-003400  
 7/07/2020 15:25

Test	g/210L	Time
ir Blank	0.000	15:26
al Check	0.196	15:26
ir Blank	0.000	15:27
al Check	0.196	15:28
ir Blank	0.000	15:28
al Check	0.197	15:29
ir Blank	0.000	15:29
al Check	0.196	15:30
ir Blank	0.000	15:31
al Check	0.198	15:31
ir Blank	0.000	15:32
al Check	0.198	15:33
ir Blank	0.000	15:33
al Check	0.197	15:34
ir Blank	0.000	15:35
al Check	0.198	15:35
ir Blank	0.000	15:36
al Check	0.198	15:37
ir Blank	0.000	15:37
al Check	0.197	15:38
ir Blank	0.000	15:38
al Check Stats		
Average	0.1971	
Std Dev	0.0008	
rel Std Dev(%)	0.4442	

Random Samples of Lot Number **20160** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on March 20, 2020, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.2427%** (w/vol) ethyl alcohol. The expiration date for this lot number is **March 18, 2022** at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of **0.200 g/210L +/- 3%**.

The alcohol and water used in this solution were free of test interfering substances.

*Christopher Page*  
 Operator's Signature

*Ted L. Pauley*  
 Ted L. Pauley, President  
 GUTH LABORATORIES, INC.

**NIST Traceability:**  
 Testing was conducted using Cerilliant Reference Standard lot number **FN08101505** whose values are traceable to NIST.  
 All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.