



**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 _____, in compliance with the agency's Maintenance Policy and Procedures.

This packet consists of _____ pages.

Signed 

Name of Position: Director/Records Custodian

Date of Attestation:

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: 09-08-2020

SERIAL: 80-004923

DOCUMENTATION WITHIN SERVICE PACKET:

- BOT Certificate of Calibration and Operation
- CMI Certificate of Calibration 09-0~~2~~2020 
- Bench Check
- Bench Check Technician's Report
- CMI Service Evaluation Form
- CMI Work Order
- BOT Certificates of Analysis on Certified Solutions (4)

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

Certificate of Calibration

This is to certify the calibration of **Intoxilyzer**® serial number 80-004923, manufactured by CMI Inc., a subsidiary of MPD, Inc. of Owensboro, Kentucky, was tested and found to conform to the National Highway Traffic Safety Administration (NHTSA) Standard for Devices to Measure Breath Alcohol (Federal Register, Vol.58 No.179, PP 48705-48710, Sept. 17, 1993) for accuracy and precision. Reference materials are traceable through the National Institute of Standards and Technology (NIST) to the International System of Units (SI).

Date Sept 02, 2020 Signed Alice Foler

Technician

 **CMI** INC.

316 East 9th Street
Owensboro, KY 42303
USA

Part No. 650517 Rev.A

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

BENCH CHECK DATE 09/08/2020	TIME PROCEDURE BEGAN 14:48	INSTRUMENT LOCATION ALPHA INSTRUMENT 2
INSTRUMENT TYPE Intoxilyzer	INSTRUMENT MODEL I-8000	INSTRUMENT SERIAL NUMBER 80-004923

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	0.018	0.019	0.019
.04	0.038	0.037	0.039
.10	0.099	0.096	0.099
.20	0.202	0.199	0.200

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 	DATE 23020 9/8/2020
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: 09/08/2020

Start Time: 14:45

End Time: 15:30

INSTRUMENT

Intoxilyzer Model

Serial #

8000

80-004923

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 #			
19050	20060	20190	20160
Manufactured Date			
02/04/2019	02/10/2020	04/06/2020	03/18/2020
Expiration Date			
02/04/2021	02/10/2022	04/06/2022	03/18/2022
Solution Commission Date			
8/27/2020	8/27/2020	8/27/2020	9/1/2020

REASON FOR BENCH CHECK

- POST REPAIR CYLINDER REPLACEMENT
 TROUBLESHOOTING ROUTINE MAINTENANCE

COMMENTS


 Technician Signature / Permit #

Christopher Pape #23020

Printed Name

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: **80-004923** Instrument Model: **Intoxilyzer 500 / 8000**

4. Detailed Description of Problem:
Recent repairs. Solution measurement values for our alpha unit must fall within +- 3%. This unit is measuring a week old Guth .100 solution as .105 that tested .104 when new. We are also using recently refurbished Guth 2100 Simulators. Suspect a calibration issue.

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

08/17/2020

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 ^{9/13}

DATE: 8/24/2020

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

405267

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: 80-004923

BILL CODE: 90 Day Service
Warranty

EXTRA PARTS RCVD:

BT, SHELF, BATTERY

DESCRIPTION OF PROBLEM

RECENT REPAIR. SOLUTION MEASUREMENT VALUES FOR OUR ALPHA UNIT MUST FALL WITHIN +-3%. THIS UNIT IS MEASURING A WEEK OLD GUTH .100 SOLUTION AS .105 THAT TESTED .104 WHEN NEW. WE ARE ALSO USING RECENTLY REFURBISHED GUTH 2100 SIMULATORS. SUSPECT A CALIBRATION ISSUE.

WORK PERFORMED:

Leak checked unit and insured all readouts were in spec. Autocal performed to correct high readings.

PARTS USED

Seq. No.	Part	Description	Quantity
80	650517	CERTIFICATE OF CALIBRATION	2.00 EA
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	
LCAL	Service - Calibration Adjust	0.50
LFT	Service - Cal / Final Test	1.00

Technician Name: Gary Watts

SRV4052670001



Certificate of Analysis - Wet Bath



10/13

12-10-19	.020
Date of Analysis	Labelled target value (g/210L)
19050	.020
Lot Number	Target result (g/210L)
JOSH SMITH	
BOT Technician Name and Signature	

GUTH LABORATORIES, INC.
590 NORTH 67th 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.

*Rec'd
12/20/19*

CERTIFICATE OF ANALYSIS

ALPHA INSTRUMENT 2
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-009923
12/10/2019 14:52

Certified Alcohol Reference Solution for Simulator

Test	g/210L	Time
Air Blank	0.000	14:53
Cal Check	0.019	14:53
Air Blank	0.000	14:54
Cal Check	0.020	14:55
Air Blank	0.000	14:55
Cal Check	0.019	14:56
Air Blank	0.000	14:56
Cal Check	0.020	14:57
Air Blank	0.000	14:58
Cal Check	0.019	14:58
Air Blank	0.000	14:59
Cal Check	0.020	15:00
Air Blank	0.000	15:00
Cal Check	0.019	15:01
Air Blank	0.000	15:01
Cal Check	0.020	15:02
Air Blank	0.000	15:02
Cal Check	0.020	15:03
Air Blank	0.000	15:04
Cal Check	0.020	15:04
Air Blank	0.000	15:05
Cal Check Stats		
Average	0.0196	
Std Dev	0.0005	
Rel Std Dev(%)	2.6345	

Random Samples of Lot Number **19050** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **February 5, 2019**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.0236% (w/vol) ethyl alcohol**. The expiration date for this lot number is **February 4, 2021** 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.

[Signature]
10937
Operator's Signature

[Signature: Ted L. Pauley]
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



11/13

7/22/2020	0.040
Date of Analysis	Labelled target value (g/210L)
20060	0.040
Lot Number	Average test result (g/210L)
Christopher Pauley BOT Technician Name and Signature	

GUTH LABORATORIES, INC.

180 NORTH 57th 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

Certified Alcohol Reference Solution for Simulator

RCV'D
6/1/20
CP

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.

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

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, President
GUTH LABORATORIES, INC.

Christopher Pauley
Operator's Signature

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number **FN12181501** 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.



12/13

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

GUTH LABORATORIES, INC.
 1000 N. 15th St., Erie, PA 16511 • 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.

*Rec'd
06/11/2020*

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 Test Value (g/210L)
20160	0.197
Lot Number	Average Test Result (g/210L)
Christopher Pope	23030
BOT Technician Name and Signature	

GUTH LABORATORIES, INC.
 590 NORTH 67th STREET • HARRISBURG, PA 17111-4811 • 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

*Rec'd
05/2020
CP*

Certified Alcohol Reference Solution for Simulator

LPHR UNIT SUB
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-003400
 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.

[Signature]
 Operator's Signature

[Signature]
 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.