



**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

REPORT #7

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and whenever instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 107972	PRINTER SN 099.3586.824	DATE OF INSPECTION 01/24/2020
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LOCATION OF INSTRUMENT (STREET AND CITY) 2111 E. County Drive, Columbia	TIME OF INSPECTION 12:36 am
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**CHECKLIST:** Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)

TEMPERATURE OF ALCO SENSOR (10°C - 40°C)

PRINTER WORKING PROPERLY

TIME AND DATE DISPLAYING PROPERLY

**BREATH ALCOHOL ACCURACY STANDARDS**

SIMULATOR SOLUTION  COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER Intoximeters LOT # AG908401 EXP. DATE 03/25/2021

SIMULATOR TEMPERATURE (34°C ± 0.2°C) \_\_\_\_\_ SIMULATOR SN \_\_\_\_\_ SIMULATOR EXP DATE \_\_\_\_\_

CALIBRATION CHECK – (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)

Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)

- 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE
- 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE
- 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1  .099

TEST 2  .100

TEST 3  .100

RFI DETECTOR OPERATING

**INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:  
(DO NOT INCLUDE SELF-ADMINISTERED TESTS)**

REFUSALS	0	(0-.04)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	0
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List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

Instrument calibrated using Guth Laboratories, Inc., simulator solution giving a breath alcohol analysis instrument reading of 0.100 g/210L +/- 3%, lot number 19160, with an expiration date of July 9, 2021. Simulator used was a Guth Laboratories, Inc., model 10-4D, serial number SD2218, with an expiration date of June 18, 2020. Printer ribbon changed. Instrument left operating satisfactorily and within established limits.

**INSPECTING OFFICER**

SIGNATURE 	PRINT NAME Steven H. Verble
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TYPE II PERMIT NUMBER/EXPIRATION DATE 290102, 05/03/2021	TELEPHONE NUMBER (573) 875-1111
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**Return completed report to the:** Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office  
2875 James Boulevard  
Poplar Bluff, MO 63901

AS IV Serial no: 187972  
Version no: 532B

TEST RECORD 00574

Temp Date Time 210L

VOID: TEMP LOW  
9 01/24/20 00:00

Subject Name

Calibration

Subject I.D.

Operator Name: J.D.

Verble, 290102

Location

2111 E. County Dr  
Columbia

AS IV Serial no: 187972  
Version no: 532B

TEST RECORD 00575

Temp Date Time 210L

Air Blank  
01/24/20 00:00 .000  
Calibration 3.000  
27 01/24/20 00:00 .100

Subject Name

Calibration

Subject I.D.

Operator Name: J.D.

Verble, 290102

Location

2111 E. County Dr  
Columbia

AS IV Serial no: 187972  
Version no: 532B

TEST RECORD 00576

Temp Date Time 210L

Air Blank  
01/24/20 00:00 .000  
Calibration 3.000  
27 01/24/20 00:00 .100

Subject Name

Test 1

Subject I.D.

Operator Name: J.D.

Verble, 290102

Location

2111 E. County Dr  
Columbia

AS IV Serial no: 187972  
Version no: 532B

TEST RECORD 00577

Temp Date Time 210L

Air Blank  
01/24/20 00:00 .000  
Calibration 3.000  
27 01/24/20 00:00 .100

Subject Name

Test 2

Subject I.D.

Operator Name: J.D.

Verble, 290102

2111 E. County Dr  
Columbia

AS IV Serial no: 187972  
Version no: 532B

TEST RECORD 00578

Temp Date Time 210L

Air Blank  
01/24/20 00:00 .000  
Calibration 3.000  
27 01/24/20 00:00 .100

Subject Name

Test 3

Subject I.D.

Operator Name: J.D.

Verble, 290102

2111 E. County Dr  
Columbia

AS IV Serial no: 187972  
Version no: 532B

TEST RECORD 00579

Temp Date Time 210L

VOID: RFI  
12 01/24/20 01:09

Subject Name

RFI

Subject I.D.

Operator Name: I.D.

Verble, 290102

Location

2111 E. County Dr  
Columbia



**GUTH LABORATORIES, INC.**

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

## CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **19160** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **July 10, 2019**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1202%** (w/vol) ethyl alcohol. The expiration date for this lot number is **July 9, 2021** at 11:59 PM.

When used in a calibrated Simulator, operating at  $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$ , this solution will give a breath alcohol analysis instrument reading of **0.100 g/210L  $\pm$  3%**.

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

Ted L. Pauley, President  
GUTH LABORATORIES, INC.

*NIST Traceability:*

*Testing was conducted using Cerilliant Reference Standard lot number FN04271602 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.*



Airgas USA LLC (LAB)

3500 Bernard Street

St. Louis, Mo. 63103

Ph: (314) 533-3100

Fax: (314) 533-7328

## Certificate of Analysis

**Customer Name**

Exclusive Supplier

Intoximeters, Inc.

2081 Craig Road

St. Louis, Mo 63146

**Test Date:** 26-Mar-2019

**Lot # AG908401 Model 108cacc**

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
25-Mar-2021	108	Ethanol	0.100 ± 2% BrAC (272 ppm)
		Nitrogen	Balance

Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:

<u>RGM Serial No.</u>	<u>Concentration</u>	<u>RGM Serial No.</u>	<u>Concentration</u>
EB0010581	392.1 ppm	EB0010603	393.0 ppm
EB0010570	259.8 ppm	EB0010559	258.2 ppm
EB0010285	208.0 ppm	EB0010595	208.3 ppm
EB0010561	103.6 ppm	EB0010562	104.2 ppm
EB0010681	52.12 ppm	EB0010579	52.81 ppm

<u>CRM Serial No.</u>	<u>Concentration</u>	<u>CRM Serial No.</u>	<u>Concentration</u>
CC434668	800.0 ppm	0056649	390.1 ppm
CC234503	253.0 ppm	0056662	150.2 ppm

**Analytical Method:** NDIR

Digitally signed by Quality Control  
Date: 2019.03.26 12:19:36 -05:00  
Reason: Dry gas standard certification of analysis  
Location: Airgas USA LLC (Lab)

Approved for Release:

Rod Marsala

ISO 17025:2005 A2LA accredited. Certificate Number 3082.06

ISO 17034:2016 A2LA accredited. Certificate Number 3082.07



STATE OF MISSOURI  
 DEPARTMENT OF HEALTH AND SENIOR SERVICES  
 BREATH ALCOHOL PROGRAM

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**PERMIT**  
**TYPE II**  
**STEVEN H VERBLE**

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

**ALCO-SENSOR IV WITH PRINTER, INTOX DMT**

for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 5/3/2019

NUMBER 290102

EXPIRES 5/3/2021

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (R6-10)



**STATE OF MISSOURI**  
 DEPARTMENT OF HEALTH AND SENIOR SERVICES  
 BREATH ALCOHOL PROGRAM

**INSTRUMENT OPERATOR CARD**

*The named cardholder is authorized to operate an evidential breath alcohol instrument for the determination of the alcoholic content in breath form of expired air in Missouri.*

**Operator** VERBLE, STEVEN  
**Permit No** 290102  
**Date Issued** 5/3/2019 **Date Expires** 5/3/2021

