



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
 STATE PUBLIC HEALTH LABORATORY  
**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<br>107993 | PRINTER SN<br>099.3586.836 | DATE OF INSPECTION<br>11/11/2021 |
|-----------------------------|----------------------------|----------------------------------|

|  |                               |
|--|-------------------------------|
| LOCATION OF INSTRUMENT (STREET AND CITY)<br>9623 SAINT CHARLES ROCK ROAD, BRECKENRIDGE HILLS POLICE DEPARTMENT | TIME OF INSPECTION<br>2:15 pm |
|--|-------------------------------|

**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**

|  |   |
|--|---|
| <input checked="" type="checkbox"/> SIMULATOR SOLUTION   | <input type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE |
| <input checked="" type="checkbox"/> STANDARD SUPPLIER <u>GUTH LABORATORIES, INC.</u> LOT # <u>21080</u> EXP. DATE <u>03/08/2023</u>                  |   |
| <input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) <u>34.0</u> SIMULATOR SN <u>SD2309</u> SIMULATOR EXP DATE <u>03/04/2022</u> |   |

**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 <input checked="" type="checkbox"/> .098 | TEST 2 <input checked="" type="checkbox"/> .097 | TEST 3 <input checked="" type="checkbox"/> .097 |
|---|---|---|

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 |
|----------|---|---------|---|-----------|---|-----------|---|-----------|---|------------|---|

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).  
 9 Volt battery changed on the instrument.  
 Time changed for daylight savings.

|  |                                    |
|--|------------------------------------|
| <b>INSPECTING OFFICER</b>                                  | PRINT NAME<br>RANDY VONCLOEDT      |
| SIGNATURE<br>  | TELEPHONE NUMBER<br>(314) 426-1214 |
| TYPE II PERMIT NUMBER/EXPIRATION DATE<br>280205 05/11/2022 |                                    |

**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 17 Serial no: 107993  
Version no: 5328

TEST RECORD 00004

Test Date Time 2001

Air Blank  
11/11/21 14:30 .000  
Calibration Check  
25 11/11/21 14:30 .000

Subject Name  
N/A

Subject I.D.  
N/A

Operator Name, I.D.  
Vn (S) 287

Location  
9623 MO 80

St. Louis MO 63114

*[Signature]*

AS 17 Serial no: 107993  
Version no: 5328

TEST RECORD 00000

Test Date Time 2001

Air Blank  
11/11/21 14:32 .000  
Calibration Check  
25 11/11/21 14:32 .000

Subject Name  
Mant.

Subject I.D.  
N/A

Operator Name, I.D.  
Vn (S) 287

Location  
9623 MO 80

St. Louis MO 63114

*[Signature]*

AS 17 Serial no: 107993  
Version no: 5328

TEST RECORD 00004

Test Date Time 2001

Air Blank  
11/11/21 14:30 .000  
Calibration Check  
25 11/11/21 14:30 .000

Subject Name  
Mant.

Subject I.D.  
N/A

Operator Name, I.D.  
Vn (S) 287

Location  
9623 MO 80

St. Louis MO 63114

*[Signature]*

AS 17 Serial no: 107993  
Version no: 5328

TEST RECORD 00007

Test Date Time 2001

WIDE REF  
12 11/11/21 14:30

Subject Name  
Mant.

Subject I.D.  
N/A

Operator Name, I.D.  
Vn (S) 287

Location  
9623 MO 80

St. Louis MO 63114

63114  
*[Signature]*



# GUTH LABORATORIES, INC.

690 NORTH 6TH STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-654-5470

## CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 21080 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on March 10, 2021, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1214% (w/vol) ethyl alcohol. The expiration date for this lot number is March 8, 2023 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.

Ted L. Pauley, President  
GUTH LABORATORIES, INC.

**NIST Traceability:**  
Testing was conducted using Cerilliant Reference Standard lot number EN03032002 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.



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

2

PERMIT  
TYPE II

**RANDY J VON CLOEDT**

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**

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 5/11/2020  
NUMBER 200171  
EXPIRES 5/11/2022

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 590-0771 (5-10)

LAB-4 (06-10)

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 VON CLOEDT, RANDY  
Permit No 200171  
Date Issued 5/11/2020 . Date Expires 5/11/2022