



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY  
**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

**RECEIVED**  
By Tracy Crews at 7:23 am, Dec 29, 2020

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 107993	PRINTER SN 099.3586.836	DATE OF INSPECTION 11/28/2020
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LOCATION OF INSTRUMENT (STREET AND CITY) 9623 SAINT CHARLES ROCK ROAD, BRECKENRIDGE HILLS POLICE DEPARTMENT	TIME OF INSPECTION 9:55 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 GUTH LABORATORIES, INC.    LOT # 20190                      EXP. DATE 04/06/2022

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0    SIMULATOR SN SD2309    SIMULATOR EXP DATE 03/02/2021

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 ◀ .098	TEST 3 ◀ .098
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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	1	(0-.04)	0	(.05-.09)	0	(.10-.14)	1	(.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).

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

**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: 107993  
Version no: 532B  
TEST RECORD 00779

Temp Date Time 9/  
12 12/28/20 10:12 210L

Subject Name  
Subject I.D. 107993

Operator Name, I.D.  
Location Van Clout 287

St. Louis MO 63114  
9623 M0180  
287

AS IV Serial no: 107993  
Version no: 532B  
TEST RECORD 00778

Temp Date Time 9/  
12/28/20 10:12 .000

Air Blank: 21  
Calibration Check: 12/28/20 10:12 .098

Subject Name  
Subject I.D. Maintenance

Operator Name, I.D.  
Location Van Clout 287

St. Louis MO 63114  
9623 M0180  
287

AS IV Serial no: 107993  
Version no: 532B  
TEST RECORD 00777

Temp Date Time 9/  
12/28/20 10:09 .000

Air Blank: 20  
Calibration Check: 12/28/20 10:09 .098

Subject Name  
Subject I.D. Maintenance

Operator Name, I.D.  
Location Van Clout 287

St. Louis MO 63114  
9623 M0180  
287

AS IV Serial no: 107993  
Version no: 532B  
TEST RECORD 00776

Temp Date Time 9/  
12/28/20 10:07 .000

Air Blank: 19  
Calibration Check: 12/28/20 10:07 .099

Subject Name  
Subject I.D. Maintenance

Operator Name, I.D.  
Location Van Clout 287

St. Louis MO 63114  
9623 M0180  
287



**GUTH LABORATORIES, INC.**  
690 NORTH 6TH STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

## CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

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.

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.



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



**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-589-0771 (6-10)

LAB-4 (16-10)



**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