



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

**RECEIVED**

By Tracy Crews at 7:40 am, Jun 07, 2022

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 111758	NAME OF AGENCY Henry County (MO) Sheriff's Office	DATE OF INSPECTION 05/27/2022
LOCATION OF INSTRUMENT (STREET AND CITY) 200 North Main St, Clinton, Missouri 64735		TIME OF INSPECTION 12:59 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**

SIMULATOR SOLUTION  COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER Guth Laboratories LOT # 21380 EXP. DATE 09/13/2023

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIM. SN DR5386 SIM. NIST EXP DATE 11/03/2022

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 .096

TEST 2 .096

TEST 3 .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-.04)	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19)
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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).

**INSPECTING OFFICER**

SIGNATURE

PRINT NAME  
Leonard Kubilus

TYPE II PERMIT NUMBER/EXPIRATION DATE  
200260 / 09/24/2022

TELEPHONE NUMBER  
(660) 885-7328

**Return completed report to the:** Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office by mail, fax, or email.

AS IV Serial no: 111758  
Version no: 532B

TEST RECORD 00259

Temp Date Time <sup>s/</sup> 210L

Air Blank:  
05/27/22 12:59 .000  
Calibration Check:  
23 05/27/22 12:59 .096

Subject Name  
Check #1  
Subject I.D.  
N/A  
Operator Name, I.D.

Kubilus 200260  
Location  
200 N Main  
Clinton, MO

AS IV Serial no: 111758  
Version no: 532B

TEST RECORD 00260

Temp Date Time <sup>s/</sup> 210L

Air Blank:  
05/27/22 13:00 .000  
Calibration Check:  
23 05/27/22 13:00 .096

Subject Name  
Check #2  
Subject I.D.  
N/A  
Operator Name, I.D.

Kubilus 200260  
Location  
200 N Main  
Clinton, MO

AS IV Serial no: 111758  
Version no: 532B

TEST RECORD 00261

Temp Date Time <sup>s/</sup> 210L

Air Blank:  
05/27/22 13:02 .000  
Calibration Check:  
24 05/27/22 13:02 .097

Subject Name  
Check #3  
Subject I.D.  
N/A  
Operator Name, I.D.

Kubilus 200260  
Location  
200 N Main  
Clinton, MO

AS IV Serial no: 111758  
Version no: 532B

TEST RECORD 00262

Temp Date Time <sup>s/</sup> 210L

VOID: RFI  
12 05/27/22 13:03

Subject Name  
RFI  
Subject I.D.  
N/A  
Operator Name, I.D.

Kubilus 200260  
Location  
200 N Main  
Clinton, MO



## 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 **21380** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **September 15, 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 **September 13, 2023** 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 FN03052002 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**  
**LEONARD KUBILUS II**

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 9/24/2020

NUMBER 200260

EXPIRES 9/24/2022

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES



**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** KUBILUS II, LEONARD  
**Permit No** 200260  
**Date Issued** 9/24/2020    **Date Expires** 9/24/2022

