



**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 119728	NAME OF AGENCY Sedalia Police Department	DATE OF INSPECTION 02/02/2024
LOCATION OF INSTRUMENT (STREET AND CITY) 300 W 3rd St, Sedalia MO		TIME OF INSPECTION 8:53 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</u>	LOT # <u>22430</u> EXP. DATE <u>11/30/2024</u>
<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) <u>34.0</u>	SIM. SN <u>SD2306</u> SIM. NIST EXP DATE <u>05/02/2024</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  .099	TEST 2  .099	TEST 3  .099
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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	(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).  
Conforms to DHSS Rules and Regulations

**INSPECTING OFFICER**

SIGNATURE 	PRINT NAME Kyle Schmitt
TYPE II PERMIT NUMBER/EXPIRATION DATE 230172 08/08/2025	TELEPHONE NUMBER (660) 827-7823

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



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



**PERMIT**  
**TYPE II**  
**KYLE SCHMITT**

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 8/8/2023

NUMBER 230172

EXPIRES 8/8/2025

*Mike Massman*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*Paula J. Nickelson*

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 SCHMITT, KYLE  
 Permit No 230172  
 Date Issued 8/8/2023 Date Expires 8/8/2025





# 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 **22430** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **December 1, 2022**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1216%** (w/vol) ethyl alcohol. The expiration date for this lot number is **November 30, 2024** 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.*



Paula Nickelson  
Acting Director

Michael L. Parson  
Governor

# SIMULATOR CERTIFICATION REPORT

## SIMULATOR INFORMATION

**Simulator Serial Number:** SD2306      **Manufacturer:** Guth  
**Model Number:** 10-4D  
**Agency:** SEDALIA PD  
**Agency Address:** 201 W. 2ND ST, SEDALIA, MO 65301

## NIST THERMOMETER INFORMATION

**Serial Number:** 17KMM00690      **Bias:** 0.00  
**Uncertainty:** 0.02  
**Date of Certification:** 10/24/2022      **Date of Expiration:** 10/24/2023

## ENVIRONMENTAL CONDITIONS

The environmental conditions during testing are within the tolerances of DHSS BAP method 3.

## VERIFICATION RESULTS

<u>Simulator Average</u>	<u>NIST Average</u>	<u>Combined Uncertainty</u>
34.00	34.01	.03

The combined uncertainty is calculated with a k=2 value.

## ADJUSTMENT RESULTS

No adjustment was needed.

**Date of testing:** 5/2/2023  
**Certification Expiration:** 5/2/2024  
**Simulator testing technician:** R. SCHILDKNECHT

**Notes on Condition:** none

**Deviation(s) from method:** none

**DHSS BAP Scientist Approving:** BRIANNA MEDRANO  
**Certification No:** SD2306\_522023

**X** *Brianna Medrano*

DHSS BAP Scientist Approving

AS IV Serial no: 119728  
Version no: 532C

TEST RECORD 00127

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

Air Blank: 02/02/24 20:53 .000  
Calibration Check: 23 02/02/24 20:53 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Kyle Schmitt 230172 8/8/25

Location

Sedalia PD

AS IV Serial no: 119728  
Version no: 532C

TEST RECORD 00128

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

Air Blank: 02/02/24 20:55 .000  
Calibration Check: 23 02/02/24 20:55 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Kyle Schmitt 230172 8/8/25

Location

Sedalia PD

AS IV Serial no: 119728  
Version no: 532C

TEST RECORD 00129

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

Air Blank: 02/02/24 20:57 .000  
Calibration Check: 24 02/02/24 20:57 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Kyle Schmitt 230172 8/8/25

Location

Sedalia PD

AS IV Serial no: 119728  
Version no: 532C

TEST RECORD 00130

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

VOID: RFI  
12 02/02/24 20:58

Subject Name

Subject I.D.

Operator Name, I.D.

Kyle Schmitt 230172 8/8/25

Location

Sedalia PD