



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 030810/84.9324.143	NAME OF AGENCY El Dorado Springs Police	DATE OF INSPECTION 05/16/2023
LOCATION OF INSTRUMENT (STREET AND CITY) 1207 South Main Street El Dorado Springs		TIME OF INSPECTION 16:28 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 Inc LOT # 22430 EXP. DATE 11/30/2024

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.00 SIM. SN MP2946 SIM. NIST EXP DATE 02/22/2024

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 • <u>.100</u>	TEST 2 • <u>.101</u>	TEST 3 • <u>.100</u>
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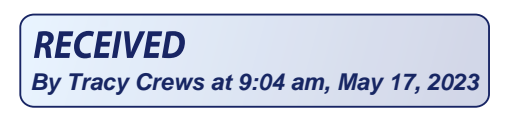
RFI DETECTOR OPERATING

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

REFUSALS <u>0</u>	(0-.04) <u>6</u>	(.05-.09) <u>0</u>	(.10-.14) <u>0</u>	(.15-.19) <u>0</u>	(OVER .19) <u>2</u>
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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).

PAPER ROLL CHANGED OPT.



**INSPECTING OFFICER**

SIGNATURE <u>Jarrod D. Schierck</u>	PRINT NAME <u>JARROD D. SCHIERECK</u>
TYPE II PERMIT NUMBER/EXPIRATION DATE <u>220233/9/12/2024</u>	TELEPHONE NUMBER <u>417-876-2313</u>

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: 030810  
Version no: 532B

TEST RECORD 00561

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

Air Blank:  
05/16/23 16:28 .000  
Subject Test: Auto  
22 05/16/23 16:28 .000

Subject Name  
BLANK TEST  
Subject I.D.

Operator Name, I.D. 109

JARROD SCHIERECK  
Location

1207 SOUTH MAIN

ELDORADO SPRINGS

AS IV Serial no: 030810  
Version no: 532B

TEST RECORD 00562

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

Air Blank:  
05/16/23 16:30 .000  
Calibration Check:  
22 05/16/23 16:30 .100

Subject Name  
TEST #1  
Subject I.D.

Operator Name, I.D. 109

JARROD SCHIERECK  
Location

1207 SOUTH MAIN

ELDORADO SPRINGS

AS IV Serial no: 030810  
Version no: 532B

TEST RECORD 00563

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

Air Blank:  
05/16/23 16:32 .000  
Calibration Check:  
23 05/16/23 16:32 .101

Subject Name  
TEST #2  
Subject I.D.

Operator Name, I.D. 109

JARROD SCHIERECK  
Location

1207 SOUTH MAIN

ELDORADO SPRINGS

AS IV Serial no: 030810  
Version no: 532B

TEST RECORD 00564

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

Air Blank:  
05/16/23 16:34 .000  
Calibration Check:  
23 05/16/23 16:34 .100

Subject Name  
TEST #3  
Subject I.D.

Operator Name, I.D. 109

JARROD SCHIERECK  
Location

1207 SOUTH MAIN

ELDORADO SPRINGS

AS IV Serial no: 030810  
Version no: 532B

TEST RECORD 00565

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

VOID: RFI  
12 05/16/23 16:35

Subject Name  
R.F.I. TEST  
Subject I.D.

Operator Name, I.D. 109

JARROD SCHIERECK  
Location

1207 SOUTH MAIN

ELDORADO SPRINGS



## 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%**.

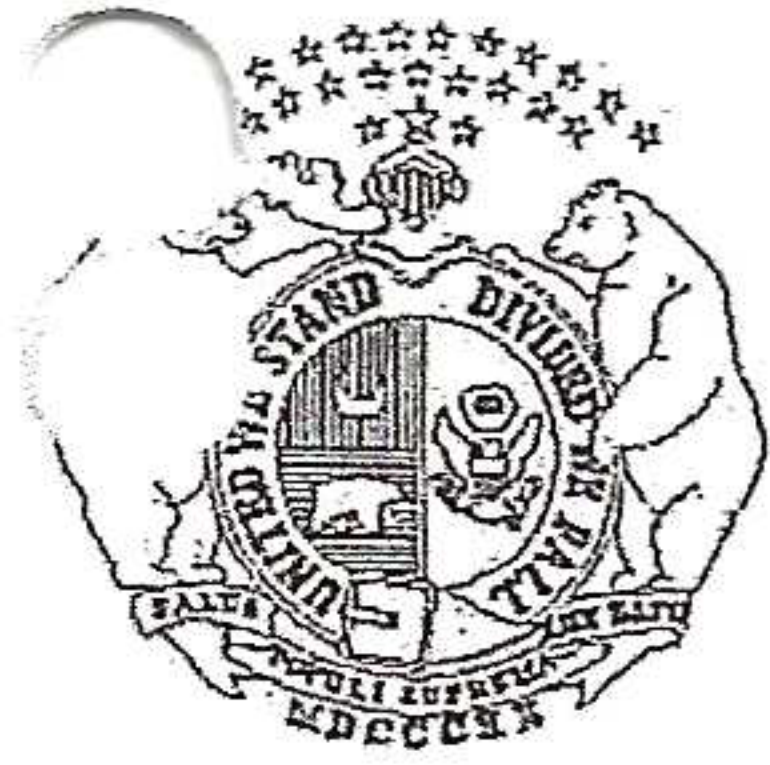
The alcohol and water used in this solution were free of test interfering substances.

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.*



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

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**PERMIT**  
**TYPE II**  
**JARROD SCHIERECK**

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 9/12/2022

NUMBER 220233

EXPIRES 9/12/2024

*Mike Mason*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*Paula T. Nicholson*

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

80-0771 (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 SCHIERECK, JARROD  
 Permit No 220233  
 Date Issued 9/12/2022 Date Expires 9/12/2024

