



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

**RECEIVED**  
By Tracy Crews at 8:10 am, May 18, 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 030810	PRINTER SN 84.9324.143	DATE OF INSPECTION 05/17/2022
-----------------------------	---------------------------	----------------------------------

LOCATION OF INSTRUMENT (STREET AND CITY) 1207 South Main Street El Dorado Springs	TIME OF INSPECTION 13:16 AM
--	--------------------------------

**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 # 21380 EXP. DATE 09/13/2023
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.00 SIMULATOR SN MP2946 SIMULATOR EXP DATE 02/22/2023

- 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>.101</u>	TEST 2 → <u>.101</u>	TEST 3 → <u>.100</u>
----------------------	----------------------	----------------------

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

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).

N/A

<b>INSPECTING OFFICER</b>	
SIGNATURE 	PRINT NAME Jarrod Schiereck
TYPE II PERMIT NUMBER/EXPIRATION DATE 200225/08/13/2022	TELEPHONE NUMBER (417) 876-2313

**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: 030810  
Version no: 532B

TEST RECORD 00451

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

Air Blank:  
05/17/22 13:16 .000  
Subject Test: Auto  
20 05/17/22 13:16 .000

Subject Name

BLANK TEST

Subject I.D.

Operator Name, I.D. 109  
Jarrod Schiereck  
Location

1207 SOUTH MAIN

EL Dorado Springs

AS IV Serial no: 030810  
Version no: 532B

TEST RECORD 00452

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

Air Blank:  
05/17/22 13:18 .000  
Calibration Check:  
21 05/17/22 13:18 .101

Subject Name

TEST #1

Subject I.D.

Operator Name, I.D. 109  
Jarrod Schiereck  
Location

1207 SOUTH MAIN

EL Dorado Springs

AS IV Serial no: 030810  
Version no: 532B

TEST RECORD 00453

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

Air Blank:  
05/17/22 13:20 .000  
Calibration Check:  
22 05/17/22 13:20 .101

Subject Name

TEST #2

Subject I.D.

Operator Name, I.D. 109  
Jarrod Schiereck  
Location

1207 SOUTH MAIN

EL Dorado Springs

AS IV Serial no: 030810  
Version no: 532B

TEST RECORD 00454

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

Air Blank:  
05/17/22 13:22 .000  
Calibration Check:  
22 05/17/22 13:22 .100

Subject Name

TEST #3

Subject I.D.

Operator Name, I.D. 109  
Jarrod Schiereck  
Location

1207 SOUTH MAIN

EL Dorado Springs

AS IV Serial no: 030810  
Version no: 532B

TEST RECORD 00455

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

VOID: RFI  
12 05/17/22 13:23

Subject Name

R.F.I. TEST

Subject I.D.

Operator Name, I.D. 109  
Jarrod Schiereck  
Location

1207 SOUTH MAIN

EL Dorado 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 **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

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: 8/13/2020

NUMBER 200225

EXPIRES 8/13/2022

9-0771(6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAS-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 200225  
 Date Issued 8/13/2020 Date Expires 8/13/2022

\*\*\*\*\*  
 2020-08-13 08:13:00  
 2022-08-13 08:13:00  
 \*\*\*\*\*