



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

**RECEIVED**

By Tracy Crews at 7:54 am, Oct 06, 2023

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 119730	NAME OF AGENCY Palmyra PD (MSC)	DATE OF INSPECTION 10/05/2023
LOCATION OF INSTRUMENT (STREET AND CITY) 1200 S. Holden St		TIME OF INSPECTION 1:01 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 LOT # 21380 EXP. DATE 05/17/2025
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.00 SIM. SN MP 2108 SIM. NIST EXP DATE 10/19/2023
- 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  .100	TEST 2  .100	TEST 3  .100
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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).  
 Calibrated instrument by using wet solution

<b>INSPECTING OFFICER</b>	
SIGNATURE 	PRINT NAME Ryan Schildknecht
TYPE II PERMIT NUMBER/EXPIRATION DATE 210253 11/12/2023	TELEPHONE NUMBER (660) 543-4573

**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: 119730  
Version no: 532C

TEST RECORD 00091

Temp Date Time 210L

Air Blank: 10/05/23 13:31 .000  
Calibration: 24 10/05/23 13:31 .100

Subject Name  
Ca  
Subject I.D.

Operator Name, I.D.  
Schulzner 210253  
Location  
MSC

AS IV Serial no: 119730  
Version no: 532C

TEST RECORD 00094

Temp Date Time 210L

Air Blank: 10/05/23 13:35 .000  
Calibration Check: 25 10/05/23 13:35 .100

Subject Name  
Test #1  
Subject I.D.

Operator Name, I.D.  
Schulzner 210253  
Location  
MSC

AS IV Serial no: 119730  
Version no: 532C

TEST RECORD 00095

Temp Date Time 210L

Air Blank: 10/05/23 13:37 .000  
Calibration Check: 26 10/05/23 13:37 .100

Subject Name  
Test #2  
Subject I.D.

Operator Name, I.D.  
Schulzner 210253  
Location  
MSE

AS IV Serial no: 119730  
Version no: 532C

TEST RECORD 00096

Temp Date Time 210L

Air Blank: 10/05/23 13:38 .000  
Calibration Check: 26 10/05/23 13:38 .100

Subject Name  
Test #3  
Subject I.D.

Operator Name, I.D.  
Schulzner 210253  
Location  
MSC

AS IV Serial no: 119730  
Version no: 532C

TEST RECORD 00097

Temp Date Time 210L

VOID: RFI  
12 10/05/23 13:40

Subject Name  
RFI  
Subject I.D.

Operator Name, I.D.  
Schulzner 210253  
Location  
MSC



## 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 **23180** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **May 18, 2023**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1220%** (w/vol) ethyl alcohol. The expiration date for this lot number is **May 17, 2025** 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 FN11172002 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

2

**PERMIT**  
**TYPE II**  
**RYAN SCHILDKNECHT**

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

**INTOX DMT, INTOXILYZER 8000, INTOX EC/IR II, ASIV W/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 11/12/2021

NUMBER 210253

EXPIRES 11/12/2023

*Sandra P. Day*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*Donna A. Korman*

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 SCHILDKNECHT, RYAN  
 Permit No 210253  
 Date Issued 11/12/2021 Date Expires 11/12/2023