



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

**RECEIVED**  
 By Tracy Crews at 1:41 pm, Feb 05, 2025

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 111632	NAME OF AGENCY Missouri State Highway Patrol	DATE OF INSPECTION 01/28/2025
LOCATION OF INSTRUMENT (STREET AND CITY) 2920 N. Shamrock Rd, Jefferson City		TIME OF INSPECTION 4:09 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 # 23390 EXP. DATE 10/17/2025
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 33.99 SIM. SN MP2316 SIM. NIST EXP DATE 10/03/2025

- 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 | (0-.04) 0 | (.05-.09) 0 | (.10-.14) 0 | (.15-.19) 0 | (OVER .19) 0

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).

Breath manifold replaced at factory. Instrument calibrated.

<b>INSPECTING OFFICER</b>	
SIGNATURE 	PRINT NAME JIMMY L. CLEVELAND
TYPE II PERMIT NUMBER/EXPIRATION DATE 230082 / 05-03-2025	TELEPHONE NUMBER 573-751-4722

**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: 111632  
Version no: 532B

TEST RECORD 00312

Temp	Date	Time	s/ 210L
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Air Blank:  
01/28/25 16:09 .000  
Calibration:  
24 01/28/25 16:09 .100

Subject Name

Calibration

Subject I.D.

Operator Name, I.D.

Jimmy L. Cleveland

Location

2920 N. Shamrock

Jefferson City

AS IV Serial no: 111632  
Version no: 532B

TEST RECORD 00313

Temp	Date	Time	s/ 210L
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Air Blank:  
01/28/25 16:18 .000  
Calibration Check:  
25 01/28/25 16:18 .100

Subject Name

Acc 1

Subject I.D.

Operator Name, I.D.

Jimmy L. Cleveland

Location

2920 N. Shamrock

Jefferson City

AS IV Serial no: 111632  
Version no: 532B

TEST RECORD 00314

Temp	Date	Time	s/ 210L
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Air Blank:  
01/28/25 16:24 .000  
Calibration Check:  
26 01/28/25 16:24 .100

Subject Name

Acc 2

Subject I.D.

Operator Name, I.D.

Jimmy L. Cleveland

Location

2920 N. Shamrock

Jefferson City

AS IV Serial no: 111632  
Version no: 532B

TEST RECORD 00315

Temp	Date	Time	s/ 210L
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Air Blank:  
01/28/25 16:30 .000  
Calibration Check:  
26 01/28/25 16:30 .100

Subject Name

Acc 3

Subject I.D.

Operator Name, I.D.

Jimmy L. Cleveland

Location

2920 N. Shamrock

Jefferson City

AS IV Serial no: 111632  
Version no: 532B

TEST RECORD 00316

Temp	Date	Time	s/ 210L
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VOID: RFI  
12 01/28/25 16:32

Subject Name

RFI Test

Subject I.D.

Operator Name, I.D.

Jimmy L. Cleveland

Location

2920 N. Shamrock

Jefferson City



## 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 **23390** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **October 18, 2023**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1207%** (w/vol) ethyl alcohol. The expiration date for this lot number is **October 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 FN03072301 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**

**JIMMY L. CLEVELAND**

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and re 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 se 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 5/3/2023

NUMBER 230082

EXPIRES 5/3/2025

*Mike Mason*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*David J. Nicholson*

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4

MO 580-0771 (6-10)



**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 CLEVELAND, JIMMY  
Permit No 230082  
Date Issued 5/3/2023      Date Expires 5/3/2025

