



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 102469	PRINTER SN 095.353.193	DATE OF INSPECTION 12/06/2024
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LOCATION OF INSTRUMENT (STREET AND CITY) Lafayette County Sheriff 107 S. 11th Lexington, Mo. 64067	TIME OF INSPECTION 10:53 am
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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 Labs LOT # 24110 EXP. DATE 03/05/2026

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN MP6530 SIMULATOR EXP DATE 01/02/2025

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 ➔ .096	TEST 2 ➔ .098	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)	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	0
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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).

Meets DOH Standards Adjust

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Dale L. Cox
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TYPE II PERMIT NUMBER/EXPIRATION DATE 240091 04/12/2026	TELEPHONE NUMBER (660) 259-3622
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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

48 IV Serial no: 102469
Version no: 502B

TEST RECORD 01083

Temp Date Time 210L
%
NIR Blank:
12/06/24 10:59 .000
Calibration Check:
22 12/06/24 10:59 .100

Subject Name
Cal-Check
Subject I.D.

Operator Name, I.D.
LC50 Cox 240091
Location
LC50

48 IV Serial no: 102469
Version no: 502B

TEST RECORD 01082

Temp Date Time 210L
%
NIR Blank:
12/06/24 10:57 .000
Calibration Check:
22 12/06/24 10:57 .098

Subject Name
Cal-Check
Subject I.D.

Operator Name, I.D.
LC50 Cox 240091
Location
LC50

48 IV Serial no: 102469
Version no: 502B

TEST RECORD 01081

Temp Date Time 210L
%
VOID: REF
12 12/06/24 10:54
Subject Name
Cal-Check

Subject I.D.
Operator Name, I.D.
Cox 240091

Location
LC50

48 IV Serial no: 102469
Version no: 502B

TEST RECORD 01080

Temp Date Time 210L
%
NIR Blank:
12/06/24 10:53 .000
Calibration Check:
20 12/06/24 10:53 .096

Subject Name
Cal-Check
Subject I.D.

Operator Name, I.D.
Cox 240091
Location
LC50



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



PERMIT
TYPE II
DALE L. COX

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: 4/12/2024

NUMBER: 240091

EXPIRES: 4/12/2026

Mike Magnus

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

David F. Nielsen

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

HEAR-4 (16-10)

MOSES0776 (6-19)



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 COX, DALE
Permit No 240091
Date Issued 4/12/2024 Date Expires 4/12/2026



10001



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 **24110** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **March 6, 2024**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1215%** (w/vol) ethyl alcohol. The expiration date for this lot number is **March 5, 2026** 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.