



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 111739	NAME OF AGENCY Lake Lotawana Police Department	DATE OF INSPECTION 04/01/2023
LOCATION OF INSTRUMENT (STREET AND CITY) 100 Lake Lotawana Road, Lake Lotawana, MO 64086		TIME OF INSPECTION 4:05 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 # 22430 EXP. DATE 11/30/2024
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 33.99 SIM. SN MP6534 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 ← .097	TEST 2 ← .099	TEST 3 ← .099
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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	<small>RECEIVED By Tracy Crews at 8:49 am, Apr 02, 2023</small> (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).

Instrument operating within MO DHSS standards and guidelines.

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Ofc. Jason A. Lederer
TYPE II PERMIT NUMBER/EXPIRATION DATE 210193 / 09/02/2023	TELEPHONE NUMBER (816) 578-4333

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: 111739
Version no: 532B

TEST RECORD 00543

Temp Date Time ^{s/} 210L

Air Blank:
04/01/23 04:23 .000
Calibration Check:
24 04/01/23 04:23 .097

Subject Name

TEST #1

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 111739
Version no: 532B

TEST RECORD 00544

Temp Date Time ^{s/} 210L

Air Blank:
04/01/23 04:25 .000
Calibration Check:
25 04/01/23 04:25 .099

Subject Name

TEST #2

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 111739
Version no: 532B

TEST RECORD 00545

Temp Date Time ^{s/} 210L

Air Blank:
04/01/23 04:26 .000
Calibration Check:
26 04/01/23 04:26 .099

Subject Name

TEST #3

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 111739
Version no: 532B

TEST RECORD 00547

Temp Date Time ^{s/} 210L

VOID: RFI
12 04/01/23 04:30

Subject Name

RFI CHECK

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 111739
Version no: 532B

TEST RECORD 00548

Temp Date Time ^{s/} 210L

Air Blank:
04/01/23 04:31 .000
Subject Test: Auto
27 04/01/23 04:31 .000

Subject Name

SAMPLE TEST

Subject I.D.

Operator Name, I.D.

LEDERER #302

Location

PERMIT 210193

Exp DATE 09/02/2023



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



**PERMIT
 TYPE II**

JASON A. LEDERER

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 9/2/2021

NUMBER 210193

EXPIRES 9/2/2023

Laura E. Way

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Donald A. Kamm

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

 **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 LEDERER, JASON
 Permit No 210193
 Date Issued 9/2/2021 Date Expires 9/2/2023

