



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 102463	NAME OF AGENCY MSHP-E	DATE OF INSPECTION 05/23/2024
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LOCATION OF INSTRUMENT (STREET AND CITY) Troop E Headquarters, 4947 HWY 67N, Poplar Bluff, Missouri 63901	TIME OF INSPECTION 10:33 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 Laboratories Inc. LOT # 23390 EXP. DATE 10/17/2025
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.01 SIM. SN MP2217 SIM. NIST EXP DATE 02/28/2025
- 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 ➔ .098	TEST 3 ➔ .098
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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
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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).

This instrument operated within DHSS standards and specifications.

INSPECTING OFFICER

SIGNATURE ▶ <i>Shayne K. Talburt</i>	PRINT NAME MSGT Shayne K. Talburt
TYPE II PERMIT NUMBER/EXPIRATION DATE 230276 11/28/2025	TELEPHONE NUMBER (573) 840-9500

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: 102463
Version no: 532B

TEST RECORD 00315

Temp Date Time 210L
VOID: RPI
12 05/23/24 10:53

Subject Name

MAINT CHECK

Subject I.D.

Operator Name, I.D.

S.K. TALBUNT 1110

Location

TROOP E HQ

POPLAR BLUFF, MO

AS IV Serial no: 102463
Version no: 532B

TEST RECORD 00313

Temp Date Time 210L
Air Blank: 05/23/24 10:46 .000
Calibration Check: 22 05/23/24 10:46 .098

Subject Name

MAINT CHECK

Subject I.D.

Operator Name, I.D.

S.K. TALBUNT 1110

Location

TROOP E HQ

POPLAR BLUFF, MO

AS IV Serial no: 102463
Version no: 532B

TEST RECORD 00312

Temp Date Time 210L
Air Blank: 05/23/24 10:43 .000
Calibration Check: 21 05/23/24 10:43 .100

Subject Name

MAINT CHECK

Subject I.D.

Operator Name, I.D.

S.K. TALBUNT 1110

Location

TROOP E HQ

POPLAR BLUFF

AS IV Serial no: 102463
Version no: 532B

TEST RECORD 00314

Temp Date Time 210L

Air Blank: 05/23/24 10:49 .000
Calibration Check: 23 05/23/24 10:49 .098

Subject Name

MAINT CHECK

Subject I.D.

Operator Name, I.D.

S.K. TALBUNT 1110

Location

TROOP E HQ

POPLAR BLUFF, MO



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 $34^{\circ}\text{C} \pm 0.2^{\circ}\text{C}$, 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



PERMIT
TYPE II
SHAYNE K. TALBURT

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 11/28/2023

NUMBER 230276

EXPIRES 11/28/2025

Mike Mason

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Dave F. Nickelson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (R6-10)

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 TALBURT, SHAYNE
 Permit No 230276
 Date Issued 11/28/2023 Date Expires 11/28/2025

