



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 099360	NAME OF AGENCY Republic Police Department	DATE OF INSPECTION 10/04/2024
LOCATION OF INSTRUMENT (STREET AND CITY) 540 Civic Blvd. Republic MO. 65738		TIME OF INSPECTION 1:29 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 Lab LOT # 23390 EXP. DATE 10/25/2025

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIM. SN SD3326 SIM. NIST EXP DATE 03/25/2025

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 .099

TEST 2 .098

TEST 3 .098

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).

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Frank Schreiber
TYPE II PERMIT NUMBER/EXPIRATION DATE 230095 05/23/2025	TELEPHONE NUMBER (417) 732-3900

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: 099360
Version no: 532B

TEST RECORD 01215 %
Temp Date Time 210L

U.S.D. RTI
12 08/04/24 13:33
Subject Name

Subject I.D.

Frank Schroeder
Operator Name, I.D.
230095 512312025
Location

AS IV Serial no: 099360
Version no: 532B

TEST RECORD 01712 %
Temp Date Time 210L

Air Blank
10/27/24 13:29 .000
Calibration Check
22 12/24/24 13:29 .000

Subject Name

Subject I.D.

Frank Schroeder
Operator Name, I.D.
230095 512312025
Location

AS IV Serial no: 099360
Version no: 532B

TEST RECORD 01210 %
Temp Date Time 210L

Air Blank
10/04/24 13:31 .000
Calibration Check
22 10/04/24 13:31 .000

Subject Name

Subject I.D.

Frank Schroeder
Operator Name, I.D.
230095 512312025
Location

AS IV Serial no: 099360
Version no: 532B

TEST RECORD 01214 %
Temp Date Time 210L

Air Blank
10/04/24 13:02 .000
Calibration Check
22 10/04/24 13:02 .000

Subject Name

Subject I.D.

Frank Schroeder
Operator Name, I.D.
230095 512312025
Location



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



**PERMIT
TYPE II**

FRANK G. SCHREIBER

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

ALCO-SENSOR IV WITH PRINTER, INTOX EC/IR II

determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections
0 through 577.041, RSMo and 306.111 through 306.119 RSMo.

5/23/2023

Mike Mason

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

R 230095

Daniel J. Nicholson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

S 5/23/2025

LAB-4 (RS-10)

(5-10)

 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 **SCHREIBER, FRANK**
Permit No **230095**
Date issued **5/23/2023** Date Expires **5/23/2025**

