



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 111660	NAME OF AGENCY Fredericktown Police Department	DATE OF INSPECTION 02/28/2025
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LOCATION OF INSTRUMENT (STREET AND CITY) 1237 W. Highway 72 Fredericktown Mo. 63645	TIME OF INSPECTION 10:41 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 # 24310 EXP. DATE 08/27/2026
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 33.99 SIM. SN MP2936 SIM. NIST EXP DATE 12/10/2025

- 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 • .102	TEST 2 • .102	TEST 3 • .102
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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).

AS IV printer battery was defective and had to be replaced. Printer was shipped to the Missouri Safety Center and a new battery was installed. Printer and battery are currently working properly. This months maintenance report was delayed due to the battery replacement.

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Lt. Kyle T. Colyott
TYPE II PERMIT NUMBER/EXPIRATION DATE 240254 12-13-2026	TELEPHONE NUMBER (573) 783-7401

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: 111660
Version no: 532B

TEST RECORD 00883

Temp Date Time ^{s/} 210L

Air Blank:
02/28/25 10:41 .000
Calibration Check:
21 02/28/25 10:41 .102

Subject Name

Test 1

Subject I.D.

Lt. Kyle Corbett 240254

Operator Name, I.D.

1237 W. Highway 72

Location

Fredericktown MD.

63645

AS IV Serial no: 111660
Version no: 532B

TEST RECORD 00884

Temp Date Time ^{s/} 210L

Air Blank:
02/28/25 10:43 .000
Calibration Check:
21 02/28/25 10:43 .102

Subject Name

Test 2

Subject I.D.

Lt. Kyle Corbett 240254

Operator Name, I.D.

1237 W. Highway 72

Location

Fredericktown MD.

63645

AS IV Serial no: 111660
Version no: 532B

TEST RECORD 00885

Temp Date Time ^{s/} 210L

Air Blank:
02/28/25 10:45 .000
Calibration Check:
22 02/28/25 10:45 .102

Subject Name

Test 3

Subject I.D.

Lt. Kyle Corbett 240254

Operator Name, I.D.

1237 W. Highway 72

Location

Fredericktown MD.

63645

AS IV Serial no: 111660
Version no: 532B

TEST RECORD 00886

Temp Date Time ^{s/} 210L

VOID: RFI
12 02/28/25 10:46

Subject Name

RFI Test

Subject I.D.

Lt. Kyle Corbett 240254

Operator Name, I.D.

1237 W. Highway 72

Location

Fredericktown MD.

63645



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 **24310** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **August 28, 2024**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1209%** (w/vol) ethyl alcohol. The expiration date for this lot number is **August 27, 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.



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



PERMIT
TYPE II
KYLE COLYOTT

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 12/13/2024

NUMBER 240254

EXPIRES 12/13/2026

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

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 COLYOTT, KYLE
Permit No 240254
Date Issued 12/13/2024 **Date Expires** 12/13/2026