



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
 STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED
 By Tracy Crews at 8:03 am, Apr 01, 2025

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 03/31/2025
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LOCATION OF INSTRUMENT (STREET AND CITY) 1237 W. Highway 72 Fredericktown Mo. 63645	TIME OF INSPECTION 11:58 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 .103

TEST 2 .102

TEST 3 .102

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)	1	(OVER .19)	1
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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
Kyle 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 00890

Temp	Date	Time	s/ 210L

Air Blank:
03/31/25 11:58 .000
Calibration Check:
20 03/31/25 11:58 .103

Subject Name

Test 1

Subject I.D.

Lt. Kyle Coyott 240254

Operator Name, I.D.

1237 W. Highway 72

Location

Fredericktown MO. 63645

AS IV Serial no: 111660
Version no: 532B

TEST RECORD 00891

Temp	Date	Time	s/ 210L

Air Blank:
03/31/25 11:59 .000
Calibration Check:
20 03/31/25 11:59 .102

Subject Name

Test 2

Subject I.D.

Lt. Kyle Coyott 240254

Operator Name, I.D.

1237 W. Highway 72

Location

Fredericktown MO. 63645

AS IV Serial no: 111660
Version no: 532B

TEST RECORD 00892

Temp	Date	Time	s/ 210L

Air Blank:
03/31/25 12:01 .000
Calibration Check:
21 03/31/25 12:01 .102

Subject Name

Test 3

Subject I.D.

Lt. Kyle Coyott 240254

Operator Name, I.D.

1237 W. Highway 72

Location

Fredericktown MO. 63645

AS IV Serial no: 111660
Version no: 532B

TEST RECORD 00893

Temp	Date	Time	s/ 210L

VOID: RFI
12 03/31/25 12:02

Subject Name

RFI test

Subject I.D.

Lt. Kyle Coyott 240254

Operator Name, I.D.

1237 W. Highway 72

Location

Fredericktown MO. 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

2

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

Adam J. Rubin

DIRECTOR STATE PUBLIC HEALTH LABORATORY

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

