



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

RECEIVED
 By Tracy Crews at 8:05 am, Jan 04, 2024

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 111762	PRINTER SN 09B.3589.487	DATE OF INSPECTION 01/03/2024
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LOCATION OF INSTRUMENT (STREET AND CITY) 110 South Maple St Galena	TIME OF INSPECTION 10:54 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 LOT # 22430 EXP. DATE 11/30/2024
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN MP6027 SIMULATOR EXP DATE 02/27/2024

- 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 ➡ .100	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	(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).

changed time

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Kyle Stults
TYPE II PERMIT NUMBER/EXPIRATION DATE 220094 03/16/2024	TELEPHONE NUMBER (417) 294-4023

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
 2875 James Boulevard
 Poplar Bluff, MO 63901

D

AS IV Serial no: 111762
Version no: 532B

TEST RECORD 00767

Temp Date Time ^{a/} 210L

Air Blank:
01/03/24 10:54 .000
Calibration Check:
24 01/03/24 10:54 .000

Subject Name

Monthly Maint

Subject I.D.

Self test

Operator Name, I.D.

Kyle Stults 220094

Location

Stone Co Jail

AS IV Serial no: 111762
Version no: 532B

TEST RECORD 00768

Temp Date Time ^{a/} 210L

Air Blank:
01/03/24 10:57 .000
Calibration Check:
24 01/03/24 10:57 .100

Subject Name

Monthly Maint

Subject I.D.

Test 1

Operator Name, I.D.

Kyle Stults 220094

Location

Stone Co Jail

AS IV Serial no: 111762
Version no: 532B

TEST RECORD 00769

Temp Date Time ^{a/} 210L

Air Blank:
01/03/24 10:59 .000
Calibration Check:
25 01/03/24 10:59 .099

Subject Name

Monthly Maint

Subject I.D.

Test 2

Operator Name, I.D.

Kyle Stults 220094

Location

Stone Co Jail

AS IV Serial no: 111762
Version no: 532B

TEST RECORD 00770

Temp Date Time ^{a/} 210L

Air Blank:
01/03/24 11:01 .000
Calibration Check:
25 01/03/24 11:01 .099

Subject Name

Monthly Maint

Subject I.D.

Test 3

Operator Name, I.D.

Kyle Stults 220094

Location

Stone Co Jail

AS IV Serial no: 111762
Version no: 532B

TEST RECORD 00771

Temp Date Time ^{a/} 210L

VOID: RFI
12 01/03/24 11:03

Subject Name

Monthly Maint

Subject I.D.

RFI

Operator Name, I.D.

Kyle Stults 220094

Location

Stone Co Jail

Monthly Maint
Stone County Sheriff's Office
Cpl Kyle Stults
Permit # 220094
Exp: 03/16/2024



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-584-5470

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°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of 0.100 g/210L +/- 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

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PERMIT
TYPE II
KYLE G. STULTS

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 3/16/2022

NUMBER 220094

EXPIRES 3/16/2024

Laura G. Wag

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Paula F. Nickelson

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 **STULTS, KYLE**
 Permit No **220094**
 Date Issued **3/16/2022** Date Expires **3/16/2024**

