



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED
BY: Tracy Christensen at 9:55 am, Mar 03, 2023

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 111779	PRINTER SN 09B.3589.547	DATE OF INSPECTION 03/03/2023
LOCATION OF INSTRUMENT (STREET AND CITY) 110 South Maple St Galena		TIME OF INSPECTION 10:03 am

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 # 21190 EXP. DATE 07/08/2023

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN MP6027 SIMULATOR EXP DATE 02/27/2023

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 ➡ .1050	TEST 2 ➡ .099	TEST 3 ➡ .099
----------------	---------------	---------------

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)	40	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	0
----------	---	---------	----	-----------	---	-----------	---	-----------	---	------------	---

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).

40 Self Tests for Type Three Class

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

AS IV Serial no: 111779
Version no: 532B

TEST RECORD 00649

Temp Date Time ^{g/} 210L

Air Blank:
03/03/23 10:33 .000
Calibration Check:
23 03/03/23 10:33 .000

Subject Name

Self Test

Subject I.D.

Monthly Maint

Operator Name, I.D.

K. Stults 220094

Location

Stone Co Jail

AS IV Serial no: 111779
Version no: 532B

TEST RECORD 00650

Temp Date Time ^{g/} 210L

Air Blank:
03/03/23 10:40 .000
Calibration Check:
24 03/03/23 10:40 .100

Subject Name

Test 1

Subject I.D.

Monthly Maint

Operator Name, I.D.

K. Stults 220094

Location

Stone Co Jail

AS IV Serial no: 111779
Version no: 532B

TEST RECORD 00651

Temp Date Time ^{g/} 210L

Air Blank:
03/03/23 10:43 .000
Calibration Check:
24 03/03/23 10:43 .099

Subject Name

Test 2

Subject I.D.

Monthly Maint

Operator Name, I.D.

K. Stults 220094

Location

Stone Co Jail

AS IV Serial no: 111779
Version no: 532B

TEST RECORD 00652

Temp Date Time ^{g/} 210L

Air Blank:
03/03/23 10:45 .000
Calibration Check:
24 03/03/23 10:45 .099

Subject Name

Test 3

Subject I.D.

Monthly Maint

Operator Name, I.D.

K. Stults #220094

Location

Stone Co Jail

AS IV Serial no: 111779
Version no: 532B

TEST RECORD 00653

Temp Date Time ^{g/} 210L

VOID: RFI
12 03/03/23 10:47

Subject Name

RFI

Subject I.D.

Monthly Maint

Operator Name, I.D.

K. Stults 220094

Location

Stone Co Jail

Monthly Maint
Stone County Sheriff's Office
Cpl Kyle Stults
Permit # 220094
Exp: 03/16/2023



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 21190 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on June 9, 2021, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1206% (w/vol) ethyl alcohol. The expiration date for this lot number is June 8, 2023 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

2

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 P. Day

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

David J. Nickelson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (R6-10)

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

