



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

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 111774	NAME OF AGENCY Carroll County Sheriff's Office	DATE OF INSPECTION 05/01/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 106 S. Folger St, Carrollton		TIME OF INSPECTION 8:00 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 Labs LOT # 20420 EXP. DATE 09/22/2022

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.01 SIM. SN MP3879 SIM. NIST EXP DATE 07/20/2021

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 ← .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)	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

TYPE II PERMIT NUMBER EXPIRATION DATE

200226 08/13/2022

PRINT NAME

Brian C. Woods

TELEPHONE NUMBER

(660) 542-2200

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: 111774
Version no: 532B

TEST RECORD 00242

Temp	Date	Time	210L
Air Blank:			
	05/01/21	08:00	.000
Calibration Check:			
20	05/01/21	08:00	.099

Air Blank:
05/01/21 08:00 .000
Calibration Check:
20 05/01/21 08:00 .099

Subject Name

Test #1

Subject I.D.

Operator Name: I.D.

B. Woods, 782

Location

AS IV Serial no: 111774
Version no: 532B

TEST RECORD 00243

Temp	Date	Time	210L
Air Blank:			
	05/01/21	08:02	.000
Calibration Check:			
21	05/01/21	08:02	.099

Air Blank:
05/01/21 08:02 .000
Calibration Check:
21 05/01/21 08:02 .099

Subject Name

Test #2

Subject I.D.

Operator Name: I.D.

B. Woods, 782

Location

AS IV Serial no: 111774
Version no: 532B

TEST RECORD 00244

Temp	Date	Time	210L
Air Blank:			
	05/01/21	08:03	.000
Calibration Check:			
22	05/01/21	08:03	.099

Air Blank:
05/01/21 08:03 .000
Calibration Check:
22 05/01/21 08:03 .099

Subject Name

Test #3

Subject I.D.

Operator Name: I.D.

B. Woods, 782

Location

AS IV Serial no: 111774
Version no: 532B

TEST RECORD 00245

Temp	Date	Time	210L
VOID: RFI			
12	05/01/21	08:05	

VOID: RFI

12 05/01/21 08:05

Subject Name

RFI test

Subject I.D.

Operator Name: I.D.

B. Woods, 782

Location

AS IV Serial no: 111774
Version no: 532B

TEST RECORD 00246

Temp	Date	Time	210L
Air Blank:			
	05/01/21	08:07	.000
Subject Test: Auto			
23	05/01/21	08:07	.000

Air Blank:
05/01/21 08:07 .000
Subject Test: Auto
23 05/01/21 08:07 .000

Subject Name

Blank Test

Subject I.D.

Operator Name: I.D.

B. Woods, 782

Location

**GUTH LABORATORIES, INC.**

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

CERTIFICATE OF ANALYSIS

Qualified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 20420 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **September 23, 2020**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1208%** (w/vol) ethyl alcohol. The expiration date for this lot number is **September 22, 2022** 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 $0.100 \text{ g}/210\text{L} \pm 3\%$.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President
GUTH LABORATORIES, INC.

NIST Traceability:

Values are traceable to NIST. Certified Reference Standard Int number FND3052007 whose 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
BRIAN C. WOODS

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 8/13/2020

NUMBER 200226

EXPIRES 8/13/2022

MO 580-0771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

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 **WOODS, BRIAN**
Date Issued **01/13/2020** Date Expires **01/13/2022**

0178210-CH-3-ARS-120/CH-3-ARS-720-770 (5)
 0178210-CH-3-ARS-120/CH-3-ARS-720-770 (5)
 0178210-CH-3-ARS-120/CH-3-ARS-720-770 (5)
 0178210-CH-3-ARS-120/CH-3-ARS-720-770 (5)
 0178210-CH-3-ARS-120/CH-3-ARS-720-770 (5)