



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 111779	NAME OF AGENCY Stone County Sheriff's Office	DATE OF INSPECTION 4/06/2022
LOCATION OF INSTRUMENT (STREET AND CITY) 110 S. Maple St. Galena MO 65656		TIME OF INSPECTION 2046

**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 6/08/2023

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIM. SN MP6027 SIM. NIST EXP DATE 2/18/2023

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  $\leftarrow$  .097

TEST 2  $\leftarrow$  .096

TEST 3  $\leftarrow$  .095

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-.04)

(.05-.09)

(.10-.14)

(.15-.19)

(OVER .19)

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).

New Simulator

Time Change

**INSPECTING OFFICER**

SIGNATURE

▶

PRINT NAME

Sgt. Mark Rinker

TYPE II PERMIT NUMBER/EXPIRATION DATE

200156 / 4/10/2022

TELEPHONE NUMBER

( 417 ) 357-6116

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office by mail, fax, or email.

Self Test

AS IV Serial no: 111779  
Version no: 5028

TEST RECORD R0477

Year: Date: Time: 216L

RF Block

04/06/22 20:05 .000

Self Test Log Sheet

20 04/06/22 20:05 .000

Subtotal: None

Monthly MAINT

SELF TEST

MARK RINKER 200152

STONE CO JAIL

TEST 1

AS IV Serial no: 111779  
Version no: 5028

TEST RECORD R0478

Year: Date: Time: 216L

RF Block

04/06/22 20:05 .000

Self Test Log Sheet

20 04/06/22 20:05 .000

Monthly MAINT

TEST 1

MARK RINKER 200152

STONE CO JAIL

TEST 2

AS IV Serial no: 111779  
Version no: 5028

TEST RECORD R0479

Year: Date: Time: 216L

RF Block

04/06/22 20:05 .000

Self Test Log Sheet

20 04/06/22 20:05 .000

Monthly MAINT

TEST 2

MARK RINKER 200152

STONE CO JAIL

TEST 3

RFI

Monthly MAINT

RFI TEST

MARK RINKER 200152

STONE CO JAIL

Monthly MAINT

TEST 3

MARK RINKER 200152

STONE CO JAIL

Monthly MAINT  
4/6/22  
STONE CO SHERIFFS OFFICE  
Sgt MARK RINKER  
PERMIT # 200152  
EXP 4/10/22



**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  $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$ , 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 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

MARK RINKER

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 4/10/2020

NUMBER 200156

EXPIRES 4/10/2022

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 590-0771 (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 RINKER, MARK  
Permit No 200156  
Date Issued 4/10/2020 Date Expires 4/10/2022