



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 111762	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 2029

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 ← .102 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-.04)	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19)
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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).

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.

564

TEST 1

TEST 2

AS 10 Serial no: 111752
Version no: 5028

AS 10 Serial no: 111752
Version no: 5028

AS 10 Serial no: 111752
Version no: 5028

TEST NUMBER 00421

TEST NUMBER 00422

TEST NUMBER 00423

Time Date Time 210L

Time Date Time 210L

Time Date Time 210L

Air Blank
04/06/22 20:29 .000

Air Blank
04/06/22 20:32 .000

Air Blank
04/06/22 20:34 .000

Subject Test: Auto
28 04/06/22 20:29 .000

Calibration Check
21 04/06/22 20:32 .102

Calibration Check
22 04/06/22 20:34 .102

Subject Name

Subject Name

Subject Name

Monthly MAINT

Monthly MAINT

Monthly MAINT

Subject I.D.

Subject I.D.

Subject I.D.

TEST TEST

TEST 1

TEST 2

Operator Name: T.D.

Operator Name: T.D.

Operator Name: T.D.

MARK RANKER 20156

MARK RANKER 20156

MARK RANKER 20156

Location

Location

Location

STATE C JAIL

STATE C JAIL

STATE C JAIL

TEST 3

RFE

AS 10 Serial no: 111752
Version no: 5028

AS 10 Serial no: 111752
Version no: 5028

TEST NUMBER 00424

TEST NUMBER 00425

Time Date Time 210L

Time Date Time 210L

Air Blank
04/06/22 20:39 .000

Air Blank
12 04/06/22 20:39 .000

Calibration Check
23 04/06/22 20:39 .102

Calibration Check
12 04/06/22 20:39 .102

Subject Name

Subject Name

Monthly MAINT

Monthly MAINT

Subject I.D.

Subject I.D.

TEST 3

RFE TEST

Operator Name: T.D.

Operator Name: T.D.

MARK RANKER 20156

MARK RANKER 20156

Location

Location

STATE C JAIL

STATE C JAIL

Monthly MAINT
4/6/22
STATE C SHERIFF'S OFFICE
SET MARK RANKER
PERMIT # [initials] 20156
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 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 RINKER, MARK
Permit No 200156
Date Issued 4/10/2020 Date Expires 4/10/2022