



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 107460	NAME OF AGENCY Marshall Police Department	DATE OF INSPECTION 11/24/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 461 W. Arrow, Marshall MO MPD 65340		TIME OF INSPECTION 17:50

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 # 20420 EXP. DATE 09/22/2022

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 33.98 SIM. SN MP4953 SIM. NIST EXP DATE 09/01/2202

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 .101

TEST 2 .101

TEST 3 .101

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).

INSPECTING OFFICER

SIGNATURE

PRINT NAME
 M. Blake Montgomery

TYPE II PERMIT NUMBER/EXPIRATION DATE
 200254 09/24/2022

TELEPHONE NUMBER
 (660) 886-7411

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: 107460
Version no: 532B

TEST RECORD 00948

Temp Date Time ^{g/} 210L

Air Blank:
11/24/21 17:50 .000
Calibration Check:
28 11/24/21 17:50 .101

Subject Name

Test 1

Subject I.D.

Operator Name, I.D.

M. Blake Montgomery

Location

200 254

MPD

AS IV Serial no: 107460
Version no: 532B

TEST RECORD 00949

Temp Date Time ^{g/} 210L

Air Blank:
11/24/21 17:52 .000
Calibration Check:
28 11/24/21 17:52 .101

Subject Name

Test 2

Subject I.D.

Operator Name, I.D.

M. Blake Montgomery

Location

200 254

MPD

AS IV Serial no: 107460
Version no: 532B

TEST RECORD 00950

Temp Date Time ^{g/} 210L

Air Blank:
11/24/21 17:54 .000
Calibration Check:
28 11/24/21 17:54 .101

Subject Name

Test 3

Subject I.D.

Operator Name, I.D.

M. Blake Montgomery

Location

~~200 254~~ 200 254

MPD

AS IV Serial no: 107460
Version no: 532B

TEST RECORD 00951

Temp Date Time ^{g/} 210L

VOID: RFI
12 11/24/21 17:55

Subject Name

Test RFI

Subject I.D.

Operator Name, I.D.

M. Blake Montgomery

Location

200 254

MPD



STATE OF MISSOURI
 DEPARTMENT OF HEALTH AND SENIOR SERVICES
 BREATH ALCOHOL PROGRAM



**PERMIT
 TYPE II**

M. BLAKE MONTGOMERY

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, INTOX DMT

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 9/24/2020

NUMBER 200254

EXPIRES 9/24/2022

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 MONTGOMERY, M.
Permit No 200254
Date Issued 9/24/2020 **Date Expires** 9/24/2022





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 **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 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.