



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
 STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED
 By Tracy Crews at 2:17 pm, Jun 28, 2024

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 02471 | NAME OF AGENCY MSHP | DATE OF INSPECTION 06/28/2024 |
| LOCATION OF INSTRUMENT (STREET AND CITY) 91 Technology Drive, Weldon Spring | | TIME OF INSPECTION 11:10 pm |

HECKLIST: Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values here 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 RepCo Marketing Inc. LOT # 23390 EXP. DATE 10/17/2025

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.00 SIM. SN MP2223 SIM. NIST EXP DATE 01/18/2025

- 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

| | | |
|--------------|---------------|---------------|
| EST 1 ← .100 | 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-.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).

| | |
|--|------------------------------------|
| INSPECTING OFFICER | |
| SIGNATURE | PRINT NAME Dustin J. Duffie |
| TYPE II PERMIT NUMBER/EXPIRATION DATE 230294 / 12/11/2025 | TELEPHONE NUMBER (636) 300-2800 |

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: 102471
Version no: 532B

TEST RECORD 00655

Temp Date Time ^{s/} 210L

Air Blank:
06/28/24 11:13 .000
Calibration Check:
21 06/28/24 11:13 .100

Subject Name
Maint Test #1
Subject I.D.

Operator Name, I.D.
Duffie #1325
Location
Troop C HQ

AS IV Serial no: 102471
Version no: 532B

TEST RECORD 00656

Temp Date Time ^{s/} 210L

Air Blank:
06/28/24 11:15 .000
Calibration Check:
22 06/28/24 11:15 .099

Subject Name
Maint Test #2
Subject I.D.

Operator Name, I.D.
Duffie #1325
Location
Troop C HQ

AS IV Serial no: 102471
Version no: 532B

TEST RECORD 00657

Temp Date Time ^{s/} 210L

Air Blank:
06/28/24 11:17 .000
Calibration Check:
23 06/28/24 11:17 .099

Subject Name
Maint Test #3
Subject I.D.

Operator Name, I.D.
Duffie #1325
Location
Troop C HQ

AS IV Serial no: 102471
Version no: 532B

TEST RECORD 00658

Temp Date Time ^{s/} 210L

VOID: RFI
12 06/28/24 11:18

Subject Name
RFI Test
Subject I.D.

Operator Name, I.D.
Duffie #1325
Location
Troop C HQ



GUTH LABORATORIES, INC.

690 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 23390 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on October 18, 2023, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1207% (w/vol) ethyl alcohol. The expiration date for this lot number is October 17, 2025 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 FN03072301 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
DUSTIN J. DUFFIE

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 12/11/2023

NUMBER 230294

EXPIRES 12/11/2025

Mike Mason

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Paula J. Nickelson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

 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 DUFFIE, DUSTIN
 Permit No 230294
 Date Issued 12/11/2023 Date Expires 12/11/2025

