



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 099362 | NAME OF AGENCY SO9 SFS | DATE OF INSPECTION 19 MAY 23 |
| LOCATION OF INSTRUMENT (STREET AND CITY) 1031 VANDENBERG AVE, WABE | | TIME OF INSPECTION 0850 |

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 # **22310** EXP. DATE **11 AUG 24**

SIMULATOR TEMPERATURE (34°C ± 0.2°C) **34.0°** SIM. SN **MP6026** SIM. NIST EXP DATE **27 FEB 24**

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 .100% | TEST 3 .100% |
|---------------------|---------------------|---------------------|

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 |
|-------------------|------------------|--------------------|--------------------|--------------------|---------------------|

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
THOMAS G. HUFFLES

TYPE IF PERMIT NUMBER/EXPIRATION DATE
220278 / 21 DEC 24

TELEPHONE NUMBER
660-687-1821

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



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 **22310** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **August 16, 2022**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1205%** (w/vol) ethyl alcohol. The expiration date for this lot number is **August 11, 2024** 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



PERMIT
TYPE II
THOMAS G. HUTFLES

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 12/21/2022

NUMBER 220278

EXPIRES 12/21/2024

Mike Massman

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

David J. Nicholson

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 HUTFLES, THOMAS
Permit No 220278
Date Issued 12/21/2022 **Date Expires** 12/21/2024



AS IV Serial no: 099362
Version no: 532B

TEST RECORD 01826

Temp Date Time 210L
Air Blank:
05/19/23 08:59 .000
Subject Test: Auto
22 05/19/23 08:59 .101

Subject Name
Subject I.D.
THOMAS G. HUFFLES
Operator Name, I.D.
220278 / 12/21/24
Location

AS IV Serial no: 099362
Version no: 532B

TEST RECORD 01827

Temp Date Time 210L
Air Blank:
05/19/23 09:00 .000
Subject Test: Auto
22 05/19/23 09:00 .100

Subject Name
Subject I.D.
THOMAS G. HUFFLES
Operator Name, I.D.
220278 / 12/21/24
Location

AS IV Serial no: 099362
Version no: 532B

TEST RECORD 01828

Temp Date Time 210L
Air Blank:
05/19/23 09:02 .000
Subject Test: Auto
22 05/19/23 09:02 .100

Subject Name
Subject I.D.
THOMAS G. HUFFLES
Operator Name, I.D.
220278 / 12/21/24
Location

AS IV Serial no: 099362
Version no: 532B

TEST RECORD 01829

Temp Date Time 210L
VOID: RFI
12 05/19/23 09:05

Subject Name
Subject I.D.
THOMAS G. HUFFLES
Operator Name, I.D.
220278 / 12/21/24
Location