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By Tracy Crews at 8:48 am, Sep 24, 2024

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	NAME OF AGENCY	DATE OF INSPECTION
119724	Missouri State Highway Patrol	09/07/2024
LOCATION OF INSTRUMENT (STREET AND CITY)		TIME OF INSPECTION
3131 E Kearney, Springfield, Missouri, 65803		04:12

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.

- [x] DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)
- [x] TEMPERATURE OF ALCO SENSOR (10°C - 40°C)
- [x] PRINTER WORKING PROPERLY
- [x] TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

- [x] SIMULATOR SOLUTION
- [ ] COMPRESSED ETHANOL-GAS MIXTURE

- [x] STANDARD SUPPLIER Guth Laboratories, INC LOT # 23390 EXP. DATE 10/17/2025
- [x] SIMULATOR TEMPERATURE (34°C ± 0.2°C) 33.99 SIM. SN MP2418 SIM. NIST EXP DATE 12/05/2024

- [x] 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)
  - [x] 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 ☛ .098	TEST 2 ☛ .098	TEST 3 ☛ .097

- [x] 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).

changed time +1 minute, changed 9v battery

INSPECTING OFFICER

SIGNATURE	PRINT NAME
#727	David W Henley Jr.
TYPE II PERMIT NUMBER/EXPIRATION DATE 240144 06/28/2026	TELEPHONE NUMBER (417) 895- 6868

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: 119724
Version no: 532C

TEST RECORD 00140

Temp	Date	Time	9/21OL
Air Blank:	09/07/24	04:15	.000
Calibration Check: 23	09/07/24	04:15	.098

Subject Name
TEST 2
Subject I.D.

Operator Name, I.D.
D W HENLEY #727
Location
3131 E KEARNEY
SPRINGFIELD, MO
DWH #727

AS IV Serial no: 119724
Version no: 532C

TEST RECORD 00141

Temp	Date	Time	9/21OL
Air Blank:	09/07/24	04:16	.000
Calibration Check: 23	09/07/24	04:16	.098

Subject Name
TEST 2
Subject I.D.

Operator Name, I.D.
D W HENLEY #727
Location
3131 E KEARNEY
SPRINGFIELD, MO
DWH #727

AS IV Serial no: 119724
Version no: 532C

TEST RECORD 00142

Temp	Date	Time	9/21OL
Air Blank:	09/07/24	04:18	.000
Calibration Check: 23	09/07/24	04:18	.097

Subject Name
TEST 3
Subject I.D.

Operator Name, I.D.
D W HENLEY #727
Location
3131 E KEARNEY
SPRINGFIELD, MO
DWH #727

AS IV Serial no: 119724
Version no: 532C

TEST RECORD 00143

Temp	Date	Time	9/21OL
VOID: RFI 12	09/07/24	04:19	

Subject Name
RFI
Subject I.D.

Operator Name, I.D.
D W HENLEY #727
Location
3131 E KEARNEY
SPRINGFIELD, MO
DWH #727

STATE OF MISSOURI

DEPARTMENT OF HEALTH AND SENIOR SERVICES

BREATH ALCOHOL PROGRAM

2

PERMIT

TYPE II

DAVID W. HENLEY, JR.

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 6/28/2024

NUMBER 240144

EXPIRES 6/28/2026

Mike Massa

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Dawn F. Nicholson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (5-10)

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 HENLEY, JR., DAVID
Permit No 240144
Date Issued 6/28/2024 **Date Expires** 6/28/2026

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.