



ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

REPORT #7

RECEIVED

By Tracy Crews at 8:52 am, Nov 04, 2024

Complete this report in duplicate at the time of the regular monthly maintenance inspection. Send copy to Department of Health and Senior Services; retain original in department file. If instrument is repaired, repaired.

ALCO SENSOR IV SN 111777	NAME OF AGENCY Missouri State Highway Patrol	DATE OF INSPECTION 11/04/2024
LOCATION OF INSTRUMENT (STREET AND CITY) 3131 E Kearney, Springfield, Missouri 65803		TIME OF INSPECTION 7:00 am

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

- 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 ← .100	TEST 2 ← .101	TEST 3 ← .101
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- 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).

TIME CHANEG DUE TO DAYLIGHT SAVINGS (-1 hour and +2 minutes)

INSPECTING OFFICER	
SIGNATURE 	PRINT NAME J.R. Chronister
TYPE II PERMIT NUMBER/EXPIRATION DATE 240217 EXPIRES 10/16/2026	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.



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 **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 $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$, 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 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.

AS IV Serial no: 111777
Version no: 532B

TEST RECORD - REPRINT

TEST RECORD 00223

Temp Date Time 210L^{9/}

Air Blank: 11/04/24 07:12 .000

Calibration Check: 20 11/04/24 07:12 .100

Subject Name

Acc # 2

Subject I.D.

J.R. CHIROUSTEK

Operator Name, I.D.

3131 E Kearney
Location

SPENCER, MO

7 Jul #206

AS IV Serial no: 111777
Version no: 532B

TEST RECORD 00224

Temp Date Time 210L^{9/}

Air Blank: 11/04/24 07:18 .000

Calibration Check: 21 11/04/24 07:18 .101

Subject Name

Acc # 2

Subject I.D.

J.R. CHIROUSTEK

Operator Name, I.D.

3131 E Kearney
Location

SPENCER, MO

7 Jul #206

AS IV Serial no: 111777
Version no: 532B

TEST RECORD 00225

Temp Date Time 210L^{9/}

Air Blank: 11/04/24 07:21 .000

Calibration Check: 22 11/04/24 07:21 .101

Subject Name

Acc # 3

Subject I.D.

J.R. CHIROUSTEK

Operator Name, I.D.

3131 E Kearney
Location

SPENCER, MO

7 Jul #206

AS IV Serial no: 111777
Version no: 532B

TEST RECORD 00226

Temp Date Time 210L^{9/}

VOID: RFI
12 11/04/24 07:25

Subject Name

REF

Subject I.D.

J.R. CHIROUSTEK

Operator Name, I.D.

3131 E Kearney
Location

SPENCER, MO

7 Jul #206



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



PERMIT
TYPE II
JARED R. CHRONISTER

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 10/16/2024

NUMBER 240217

EXPIRES 10/16/2026

Adam J. Pelt

DIRECTOR STATE PUBLIC HEALTH LABORATORY

Paula J. Nicholson

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 CHRONISTER, JARED
 Permit No 240217
 Date Issued 10/16/2024 Date Expires 10/16/2026

