



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED
By Tracy Crews at 9:14 am, Jan 16, 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 030810	NAME OF AGENCY El Dorado Springs Police Department	DATE OF INSPECTION 01/13/2024
LOCATION OF INSTRUMENT (STREET AND CITY) 1207 South Main Street El Dorado Springs		TIME OF INSPECTION 10:12 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

<input checked="" type="checkbox"/> SIMULATOR SOLUTION	<input type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Guth Laboratories</u>	LOT # <u>22430</u> EXP. DATE <u>11/30/2024</u>
<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) <u>34.00</u>	SIM. SN <u>MP2946</u> SIM. NIST EXP DATE <u>08/23/2024</u>

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 .100	TEST 3 .099
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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	(0-.04)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	0
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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).

N/A

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Jarrod Schiereck
TYPE II PERMIT NUMBER/EXPIRATION DATE 220233/09-12-2024	TELEPHONE NUMBER (417) 876-2313

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: 030810
Version no: 532B
TEST RECORD 00609
Temp Date Time 210L
9/
Air Blank: 01/13/24 10:12 .000
Subject Test: Auto 19 01/13/24 10:12 .000
Subject Name
Blank TEST
Subject I.D.

AS IV Serial no: 030810
Version no: 532B
TEST RECORD 00612
Temp Date Time 210L
9/
Air Blank: 01/13/24 10:17 .000
Calibration Check: 22 01/13/24 10:17 .099
Subject Name
TEST #3
Subject I.D.

AS IV Serial no: 030810
Version no: 532B
TEST RECORD 00610
Temp Date Time 210L
9/
Air Blank: 01/13/24 10:14 .000
Calibration Check: 20 01/13/24 10:14 .100
Subject Name
TEST #1
Subject I.D.

AS IV Serial no: 030810
Version no: 532B
TEST RECORD 00613
Temp Date Time 210L
9/
VOID: RFI 12 01/13/24 10:19
Subject Name
R.F.I. TEST
Subject I.D.

AS IV Serial no: 030810
Version no: 532B
TEST RECORD 00611
Temp Date Time 210L
9/
Air Blank: 01/13/24 10:16 .000
Calibration Check: 21 01/13/24 10:16 .100
Subject Name
TEST #2
Subject I.D.

AS IV Serial no: 030810
Version no: 532B
TEST RECORD 00613
Temp Date Time 210L
9/
VOID: RFI 12 01/13/24 10:19
Subject Name
R.F.I. TEST
Subject I.D.

Operator Name, I.D. 109
Jarrod Schireck
Location 12075 MAIN

Operator Name, I.D. 109
Jarrod Schireck
Location 1207-5 MAIN

Operator Name, I.D. 109
Jarrod Schireck
Location 1207 SCUTTMAN

~~EL DONALDO SPRINGS~~

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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 **22430** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **December 1, 2022**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1216%** (w/vol) ethyl alcohol. The expiration date for this lot number is **November 30, 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

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PERMIT
TYPE II
JARROD SCHIERECK

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 9/12/2022

NUMBER 220233

EXPIRES 9/12/2024

Mike Massman

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Dave J. Nickelson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

80-0771 (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 SCHIERECK, JARROD
Permit No 220233
Date Issued 9/12/2022 **Date Expires** 9/12/2024

