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By Tracy Crews at 9:35 am, Jan 03, 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 087960 096.3580.879	NAME OF AGENCY Marceline Police Dept.	DATE OF INSPECTION 01/02/2024
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LOCATION OF INSTRUMENT (STREET AND CITY) 123 E. Santa Fe Marceline, MO 64658	TIME OF INSPECTION 11:07 am
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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 Lab LOT # 23180 EXP. DATE 05/17/2025

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIM. SN SD2763 SIM. NIST EXP DATE 01/27/2024

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 → 0.098

TEST 2 → 0.097

TEST 3 → 0.098

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).

This instrument meets Dept. of Health standards.

INSPECTING OFFICER

SIGNATURE

PRINT NAME
Stuart Hughes

TYPE II PERMIT NUMBER/EXPIRATION DATE
22017506/29/2024

TELEPHONE NUMBER
(660) 376-3556

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: 087960
Version no: 532B

TEST RECORD 00565
s/

Temp Date Time 210L
VOID: RFI
12 01/02/24 11:13

Subject Name
RFI
Subject I.D.

Operator Name, I.D.

Location
S. Hayes 220175
MPD

AS IV Serial no: 087960
Version no: 532B

TEST RECORD 00564
s/

Temp Date Time 210L
Air Blank:
01/02/24 11:11 .000
Calibration Check:
23 01/02/24 11:11 .098

Subject Name
Simulator
Subject I.D.

Operator Name, I.D.

Location
S. Hayes 220175
MPD

AS IV Serial no: 087960
Version no: 532B

TEST RECORD 00563
s/

Temp Date Time 210L
Air Blank:
01/02/24 11:09 .000
Calibration Check:
23 01/02/24 11:09 .097

Subject Name
Simulator
Subject I.D.

Operator Name, I.D.

Location
S. Hayes 220175
MPD

AS IV Serial no: 087960
Version no: 532B

TEST RECORD 00562
s/

Temp Date Time 210L
Air Blank:
01/02/24 11:07 .000
Calibration Check:
21 01/02/24 11:07 .098

Subject Name
Simulator
Subject I.D.

Operator Name, I.D.

Location
S. Hayes 220175
MPD

**GUTH LABORATORIES, INC.**

590 NORTH 87th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **23180** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **May 18, 2023**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1220%** (w/vol) ethyl alcohol. The expiration date for this lot number is **May 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 Certified Reference Standard lot number FN11172002 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

STUART W. HUGHES

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and re 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 6/29/2022

NUMBER 220175

EXPIRES 6/29/2024

Mike Mason

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Paula F. Nicholson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4

MO 580-0771 (5-10)

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 HUGHES, STUART
Permit No 220175
Date Issued 6/29/2022 Date Expires 6/29/2024

