



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 111761	PRINTER SN 09B.3589.445	DATE OF INSPECTION 01/14/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 202 S. 3rd Street Louisiana, Missouri		TIME OF INSPECTION 14:20

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 LOT # 18370 EXP. DATE 12/05/2020
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 SIMULATOR SN MP 3577 SIMULATOR EXP DATE 03/11/2020

- 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
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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)	1	(.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).

Instrument operating within established limits.

INSPECTING OFFICER

SIGNATURE <i>M. McCollister</i>	PRINT NAME M. McCollister, DSN: 311
TYPE II PERMIT NUMBER/EXPIRATION DATE 280127 03/08/2020	TELEPHONE NUMBER 573-754-4021

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
 2875 James Boulevard
 Poplar Bluff, MO 63901

Gen Info

AS IV Serial no: 111761
Version no: 532B

TEST RECORD 00536

Temp Date Time ^{g/} 210L

Air Blank:
01/14/20 14:20 .000
Subject Test: Auto
22 01/14/20 14:20 .000

Subject Name
Doe, John
Subject I.D.
0000069
Operator Name, I.D.
M. McElister, 311
Location
202 S. 3rd St.
Louisiana, MO

Test 1

AS IV Serial no: 111761
Version no: 532B

TEST RECORD 00538

Temp Date Time ^{g/} 210L

Air Blank:
01/14/20 14:25 .000
Calibration Check:
23 01/14/20 14:25 .101

Subject Name
Doe, John
Subject I.D.
0000069
Operator Name, I.D.
McElister, 311
Location
202 S. 3rd St.
Louisiana, MO

Test 2

AS IV Serial no: 111761
Version no: 532B

TEST RECORD 00539

Temp Date Time ^{g/} 210L

Air Blank:
01/14/20 14:27 .000
Calibration Check:
23 01/14/20 14:27 .100

Subject Name
Doe, John
Subject I.D.
0000069
Operator Name, I.D.
McElister, 311
Location
202 S. 3rd St.
Louisiana, MO

Test 3

AS IV Serial no: 111761
Version no: 532B

TEST RECORD 00540

Temp Date Time ^{g/} 210L

Air Blank:
01/14/20 14:28 .000
Calibration Check:
23 01/14/20 14:28 .100

Subject Name
Doe, John
Subject I.D.
0000069
Operator Name, I.D.
M. McElister, 311
Location
202 S. 3rd St.
Louisiana, MO

RFI Test

AS IV Serial no: 111761
Version no: 532B

TEST RECORD 00541

Temp Date Time ^{g/} 210L

VOID: RFI
12 01/14/20 14:32

Subject Name
Doe, John
Subject I.D.
0000069
Operator Name, I.D.
M. McElister, 311
Location
202 S. 3rd St.
Louisiana, MO



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 **18370** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **December 6, 2018**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1218%** (w/vol) ethyl alcohol. The expiration date for this lot number is **December 5, 2020** 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 FN04271602 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**

MARC A MCCOLLISTER

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 3/8/2018

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 280127

EXPIRES 3/8/2020

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 MCCOLLISTER, MARC
 Permit No 280127
 Date Issued 3/8/2018 Date Expires 3/8/2020