



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED
By Tracy Crews at 7:23 am, Dec 29, 2020

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	NAME OF AGENCY Louisiana P.D.	DATE OF INSPECTION 11/16/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 202 S. 3rd Street Louisiana, Missouri		TIME OF INSPECTION 6:04 pm

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 # 19341 EXP. DATE 11/18/2021
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 SIM. SN MP 3577 SIM. NIST EXP DATE 03/09/2021

- 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	(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).

Recalibrated instrument. Instrument operating within established limits.

INSPECTING OFFICER	
SIGNATURE <i>M. McCollister</i>	PRINT NAME M. McCollister, DSN: 311
TYPE II PERMIT NUMBER/EXPIRATION DATE 200142/ 03-17-2022	TELEPHONE NUMBER (573) 754-4021

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office by mail, fax, or email.

Recalibration

AS IV Serial no: 111761
Version no: 532B

TEST RECORD 00593

Time 210L

17/11/20 18:45 .000
17/11/20 18:45 .100

Subject Name
Doe, John

Subject I.D.
0000069

Operator Name, I.D.
M. McColister, 311

Location
202 S.3rd St.

Louisiana, MO

Gen. Info

AS IV Serial no: 111761
Version no: 532B

TEST RECORD 00585

Time Date Time 210L

Air Blank:
11/16/20 18:04 .000
Subject Test: Auto
23 11/16/20 18:04 .000

Subject Name
Doe, John

Subject I.D.
0000069

Operator Name, I.D.
M. McColister, 311

Location
202 S.3rd St.

Louisiana, MO

Test#1

AS IV Serial no: 111761
Version no: 532B

TEST RECORD 00594

Time 210L

17/11/20 18:40 .000
17/11/20 18:40 .100

Subject Name
Doe, John

Subject I.D.
0000069

Operator Name, I.D.
M. McColister, 311

Location
202 S.3rd St.

Louisiana, MO

Test#2

AS IV Serial no: 111761
Version no: 532B

TEST RECORD 00595

Time 210L

17/11/20 18:50 .000
17/11/20 18:50 .101

Subject Name
Doe, John

Subject I.D.
0000069

Operator Name, I.D.
M. McColister, 311

Location
202 S.3rd St.

Louisiana, MO

Test#3

AS IV Serial no: 111761
Version no: 532B

TEST RECORD 00596

Time 210L

17/11/20 18:52 .000
17/11/20 18:52 .101

Subject Name
Doe, John

Subject I.D.
0000069

Operator Name, I.D.
M. McColister, 311

Location
202 S.3rd St.

Louisiana, MO

RFI Test

AS IV Serial no: 111761
Version no: 532B

TEST RECORD 00586

Time Date Time 210L

12 11/16/20 18:18

Subject Name
Doe, John

Subject I.D.
0000069

Operator Name, I.D.
M. McColister, 311

Location
202 S.3rd St.

Louisiana, MO



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4611 • TELEPHONE: 717-564-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 19341 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on November 20, 2019, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1211% (w/vol) ethyl alcohol. The expiration date for this lot number is November 18, 2021 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 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 3/17/2020

NUMBER 200142

EXPIRES 3/17/2022

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

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: MCCOLLISTER, MARC
 Permit No - 200142
 Date Issued 3/17/2020 Date Expires 3/17/2022

