



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 111732	PRINTER SN 09B.3589.454	DATE OF INSPECTION 08/10/2020
LOCATION OF INSTRUMENT (STREET AND CITY) Ozark PD, 201 E. Brick Street, Ozark, MO 65721		TIME OF INSPECTION 08:53 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 LOT # 19370 EXP. DATE 12/09/2021
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN DR6932 SIMULATOR EXP DATE 12/04/2020

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 .096	TEST 2 .097	TEST 3 .097
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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).

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Stephen Conner
TYPE II PERMIT NUMBER/EXPIRATION DATE 200194/07/08/2022	TELEPHONE NUMBER (417) 581-6600

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

AS IV Serial no: 111732
Version no: 532B

TEST RECORD 00093

Temp Date Time ^{a/} 210L

Air Blank:
08/10/20 08:53 .000
Calibration Check:
18 08/10/20 08:53 .096

Subject Name
Maintenance
Subject I.D.
1

Operator Name, I.D.
S. Conner / 200194
Location
Ozark PD

201 E. Birch St, Ozark
MO

AS IV Serial no: 111732
Version no: 532B

TEST RECORD 00094

Temp Date Time ^{a/} 210L

Air Blank:
08/10/20 08:56 .000
Calibration Check:
19 08/10/20 08:56 .097

Subject Name
Maintenance
Subject I.D.
2

Operator Name, I.D.
S. Conner / 200194
Location
Ozark PD

201 E. Birch St, Ozark
MO

AS IV Serial no: 111732
Version no: 532B

TEST RECORD 00095

Temp Date Time ^{a/} 210L

Air Blank:
08/10/20 08:59 .000
Calibration Check:
20 08/10/20 08:59 .097

Subject Name
Maintenance
Subject I.D.
3

Operator Name, I.D.
S. Conner / 200194
Location
Ozark PD

201 E. Birch St, Ozark, MO

AS IV Serial no: 111732
Version no: 532B

TEST RECORD 00096

Temp Date Time ^{a/} 210L

COID: RTI
12 08/10/20 09:00

Subject Name
RTI
Subject I.D.
Test

Operator Name, I.D.
S. Conner / 200194
Location
Ozark PD

201 E. Birch St, Ozark
MO



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-664-6470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **19370** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **December 10, 2019**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1199%** (w/vol) ethyl alcohol. The expiration date for this lot number is **December 9, 2021** 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

2

**PERMIT
 TYPE II**

STEPHEN L. CONNER

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 7/8/2020

NUMBER 200194

EXPIRES 7/8/2022

MO 580-0771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

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 CONNER, STEPHEN
 Permit No 200194
 Date Issued 7/8/2020 Date Expires 7/8/2022

