

**RECEIVED**

By Tracy Crews at 8:41 am, Apr 15, 2020



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 105448 - Clinton P.D.	PRINTER SN 09B.3591.016	DATE OF INSPECTION 04/14/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 101 East Ohio Street, Clinton, MO 64735		TIME OF INSPECTION 1:45 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, Inc. LOT # 19160 EXP. DATE 07/09/2021

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD3509 SIMULATOR EXP DATE 07/26/2020

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 .101 TEST 3 .100

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) 2

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).

- 1) Change Printer Ribbon
- 2) Initial Accuracy Check showed .105 / Calibration conducted

**INSPECTING OFFICER**

SIGNATURE

PRINT NAME

Ryan A. Schildknecht

TYPE II PERMIT NUMBER/EXPIRATION DATE

200133 / 03-09-2022

TELEPHONE NUMBER

(660) 885-2679

**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: 105448  
Version no: 532B

TEST RECORD 01345

Temp Date Time <sup>a/</sup> 210L

Air Blank:  
04/14/20 13:57 .000  
Subject Test: Auto  
22 04/14/20 13:57 .105

Subject Name

Test #1 Need Calibrated

Subject I.D.

N/A

Operator Name, I.D.

R. Schildknecht #200133

Location

Clinton P.O.

AS IV Serial no: 105448  
Version no: 532B

TEST RECORD 01346

Temp Date Time <sup>a/</sup> 210L

Air Blank:  
04/14/20 14:03 .000  
Calibration:  
23 04/14/20 14:03 .100

Subject Name

Calibration

Subject I.D.

N/A

Operator Name, I.D.

R. Schildknecht #200133

Location

Clinton P.O.

AS IV Serial no: 105448  
Version no: 532B

TEST RECORD 01347

Temp Date Time <sup>a/</sup> 210L

Air Blank:  
04/14/20 14:09 .000  
Calibration Check:  
24 04/14/20 14:09 .101

Subject Name

Test 1

Subject I.D.

N/A

Operator Name, I.D.

R. Schildknecht #200133

Location

Clinton P.O.

AS IV Serial no: 105448  
Version no: 532B

TEST RECORD 01350

Temp Date Time <sup>a/</sup> 210L

Air Blank:  
04/14/20 14:13 .000  
Calibration Check:  
26 04/14/20 14:13 .101

Subject Name

TEST 2

Subject I.D.

N/A

Operator Name, I.D.

R. Schildknecht #200133

Location

Clinton P.O.

AS IV Serial no: 105448  
Version no: 532B

TEST RECORD 01351

Temp Date Time <sup>a/</sup> 210L

Air Blank:  
04/14/20 14:15 .000  
Calibration Check:  
26 04/14/20 14:15 .100

Subject Name

TEST 3

Subject I.D.

N/A

Operator Name, I.D.

R. Schildknecht #200133

Location

Clinton P.O.

AS IV Serial no: 105448  
Version no: 532B

TEST RECORD 01352

Temp Date Time <sup>a/</sup> 210L

VOID: RFI  
12 04/14/20 14:16

Subject Name

RFI

Subject I.D.

N/A

Operator Name, I.D.

R. Schildknecht #200133

Location

Clinton P.O.

AS IV Serial no: 105448  
Version no: 532B

TEST RECORD 01353

Temp Date Time <sup>a/</sup> 210L

Air Blank:  
04/14/20 14:17 .000  
Subject Test: Auto  
27 04/14/20 14:17 .000

Subject Name

SELF TEST

Subject I.D.

N/A

Operator Name, I.D.

R. Schildknecht #200133

Location

Clinton P.O.



**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 19160 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on July 10, 2019, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1202% (w/vol) ethyl alcohol. The expiration date for this lot number is July 9, 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**

**RYAN SCHILDKNECHT**

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 3/9/2020

NUMBER 200133

EXPIRES 3/9/2022

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

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 SCHILDKNECHT, RYAN  
 Permit No 200133  
 Date Issued 3/9/2020 Date Expires 3/9/2022