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By Stephen Wilson at 3:20 pm, Aug 14, 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 08/14/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 101 East Ohio Street, Clinton, MO 64735		TIME OF INSPECTION 1:35 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 08/06/2021

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  .099	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)	0	(.15-.19)	0	(OVER .19)	1
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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).

N/A

**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 10 Serial no: 105448  
Version no: 5028

TEST RECORD 01388

Temp Date Time 210L

Air Blank:  
08/14/20 13:35 .000  
Calibration Check:  
20 08/14/20 13:35 .009

Subject Name

Test #1

Subject I.D.

Operator Name, I.D.

Ryan Schildknecht 200133

Location

Clinton P.D.

AS 10 Serial no: 105448  
Version no: 5028

TEST RECORD 01389

Temp Date Time 210L

Air Blank:  
08/14/20 13:37 .000  
Calibration Check:  
24 08/14/20 13:37 .100

Subject Name

Test #2

Subject I.D.

Operator Name, I.D.

Ryan Schildknecht 200133

Location

Clinton P.D.

AS 10 Serial no: 105448  
Version no: 5028

TEST RECORD 01390

Temp Date Time 210L

Air Blank:  
08/14/20 13:39 .000  
Calibration Check:  
25 08/14/20 13:39 .100

Subject Name

Test #3

Subject I.D.

Operator Name, I.D.

Ryan Schildknecht 200133

Location

Clinton P.D.

AS 10 Serial no: 105448  
Version no: 5028

TEST RECORD 01391

Temp Date Time 210L

VOID: RET  
12 08/14/20 13:40

Subject Name

Test #4 RFI

Subject I.D.

Operator Name, I.D.

Ryan Schildknecht 200133

Location

Clinton P.D.

AS 10 Serial no: 105448  
Version no: 5028

TEST RECORD 01392

Temp Date Time 210L

Air Blank:  
08/14/20 13:42 .000  
Calibration Check:  
26 08/14/20 13:42 .000

Subject Name

Test #5

Subject I.D.

Operator Name, I.D.

Ryan Schildknecht 200133

Location

Clinton P.D.



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





# 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  $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$ , 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.*