

**RECEIVED**

By Stephen Wilson at 1:58 pm, Mar 05, 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 111753	PRINTER SN 09B.3589.512	DATE OF INSPECTION 03/05/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 709 W. Main Street, Greenwood, Missouri 64034		TIME OF INSPECTION 1:19 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 # 18200 EXP. DATE 07/03/2020 SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2285 SIMULATOR EXP DATE 08/13/2020 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 ← .102

TEST 2 ← .102

TEST 3 ← .102

 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

Tony White #150

TYPE II PERMIT NUMBER/EXPIRATION DATE

280222 / 06/28/2020

TELEPHONE NUMBER

(816) 537-5020

**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: 111753  
Version no: 532B

TEST RECORD 00183

Temp Date Time 210L s/  
Air Blank: 03/05/20 13:18 .000  
Calibration Check: 23 03/05/20 13:18 .102

Subject Name  
Test 1 00183  
Subject I.D.  
Tony White #150  
Operator Name, I.D.

Location  
Greenwood PD

AS IV Serial no: 111753  
Version no: 532B

TEST RECORD 00184

Temp Date Time 210L s/  
Air Blank: 03/05/20 13:21 .000  
Calibration Check: 23 03/05/20 13:21 .102

Subject Name  
Test 2 00184  
Subject I.D.  
Tony White #150  
Operator Name, I.D.

Location  
Greenwood PD

AS IV Serial no: 111753  
Version no: 532B

TEST RECORD 00185

Temp Date Time 210L s/  
Air Blank: 03/05/20 13:23 .000  
Calibration Check: 23 03/05/20 13:23 .102

Subject Name  
Test 3 00185  
Subject I.D.  
Tony White #150  
Operator Name, I.D.

Location  
Greenwood PD

AS IV Serial no: 111753  
Version no: 532B

TEST RECORD 00186

Temp Date Time 210L s/  
VOID: RFI  
12 03/05/20 13:25

Subject Name  
Test - RFI  
Subject I.D.  
Tony White #150  
Operator Name, I.D.

Location  
Greenwood PD

Monthly AS-IV maintenance Check  
Greenwood PD 3-5-2020



STATE OF MISSOURI  
 DEPARTMENT OF HEALTH AND SENIOR SERVICES  
 BREATH ALCOHOL PROGRAM

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**PERMIT**  
**TYPE II**  
**TONY W WHITE**

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 6/28/2018

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 280222

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

EXPIRES 6/28/2020

MO 680-0771 (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 WHITE, TONY  
 Permit No 280222  
 Date Issued 6/28/2018 Date Expires 6/28/2020



**GUTH LABORATORIES, INC.**

880 NORTH 67th STREET • HARRISBURG, PA 17111-4611 • TELEPHONE: 717-684-6470

## CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **18200** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **July 6, 2018**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1215%** (w/vol) ethyl alcohol. The expiration date for this lot number is **July 3, 2020** 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.*