



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

**RECEIVED**  
 By Brian Lutmer at 2:05 pm, Jan 27, 2015

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 102473	PRINTER SN 08C.3527.124	DATE OF INSPECTION 01/27/2015
LOCATION OF INSTRUMENT (STREET AND CITY) 1010 N. Boonville Springfield		TIME OF INSPECTION 9:14 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 # 14220 EXP. DATE 09/24/2016

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 SIMULATOR SN SD2219 SIMULATOR EXP DATE 01/12/2016

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 ← .097

TEST 2 ← .097

TEST 3 ← .097

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	5	(0-.04)	3	(.05-.09)	2	(.10-.14)	4	(.15-.19)	2	(OVER .19)	3
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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).

Change Paper Roll

**INSPECTING OFFICER**

SIGNATURE

PRINT NAME  
 Ronald L. Killingsworth

TYPE II PERMIT NUMBER/EXPIRATION DATE  
 250025 / 01/20/2017

TELEPHONE NUMBER  
 (417) 829-6216

**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



**GUTH LABORATORIES, INC.**

800 NORTH 67th STREET • HARRISBURG, PA 17111-4811 • TELEPHONE: 717-684-6470

## CERTIFICATE OF ANALYSIS

**Certified Alcohol Reference Solution for Simulator**

Random Samples of Lot Number 14220 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on September 25, 2014, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1209% (w/vol) ethyl alcohol. The expiration date for this lot number is September 24, 2016 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.

Tod L. Pauley, President  
GUTH LABORATORIES, INC.

***NIST Traceability:***

*Testing was conducted using Cerilliant Reference Standard lot number FN08051301 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

**RONALD L KILLINGSWORTH**

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, INTOX EC/IR II**

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 1/20/2015

NUMBER 250025

EXPIRES 1/20/2017

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (P6-10)

MO 580-0771 (6-10)



**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 KILLINGSWORTH, RONALD  
Permit No 250025  
Date Issued 1/20/2015 Date Expires 1/20/2017

AS IV Serial no: 102473  
Version no: 532B

TEST RECORD 00521

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

Air Blank:  
01/27/15 09:14 .000  
Calibration Check:  
23 01/27/15 09:14 .097

Subject Name

Test 1

Subject I.D.

Killingsworth, Ronald L.

Operator Name, I.D.

250025 / 01-20-17

Location

GCS0

AS IV Serial no: 102473  
Version no: 532B

TEST RECORD 00522

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

Air Blank:  
01/27/15 09:15 .000  
Calibration Check:  
23 01/27/15 09:15 .097

Subject Name

Test 2

Subject I.D.

Killingsworth, Ronald L.

Operator Name, I.D.

250025 / 01-20-17

Location

GCS6

AS IV Serial no: 102473  
Version no: 532B

TEST RECORD 00523

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

Air Blank:  
01/27/15 09:17 .000  
Calibration Check:  
24 01/27/15 09:17 .097

Subject Name

Test 3

Subject I.D.

Killingsworth, Ronald L.

Operator Name, I.D.

250025 / 01-20-17

Location

GCS0

AS IV Serial no: 102473  
Version no: 532B

TEST RECORD 00524

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

VOID: RFI  
12 01/27/15 09:18

Subject Name

RFI Test

Subject I.D.

Killingsworth, Randall

Operator Name, I.D.

250025 / 01-20-17

Location

GCSO

AS IV Serial no: 102473  
Version no: 532B

TEST RECORD 00526

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

Air Blank:  
01/27/15 09:21 .000  
Calibration Check:  
25 01/27/15 09:21 .000

Subject Name

Acc. Check

Subject I.D.

Killingsworth, Randall

Operator Name, I.D.

250025 / 01-20-17

Location

GCSO