



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

**RECEIVED**  
 By Carol Day at 8:19 am, Jan 02, 2015

Complete this report in duplicate at the time of the regular monthly preventative maintenance. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 102472	PRINTER SN 08C.3556.272	DATE OF INSPECTION 12/30/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 1010 N. Boonville Springfield (GCSO)		TIME OF INSPECTION 2:41 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 # 14220 EXP. DATE 09/24/2016

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 SIMULATOR SN 2219 SIMULATOR EXP DATE 04/23/2015

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  .098

TEST 2  .098

TEST 3  .099

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)	2	(.05-.09)	1	(.10-.14)	3	(.15-.19)	2	(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).

Replace 9V Battery  
 Replace Paper Roll

**INSPECTING OFFICER**

SIGNATURE <i>Ronald L. Killingsworth</i>	PRINT NAME Ronald L. Killingsworth
TYPE II PERMIT NUMBER/EXPIRATION DATE 230085 / 05-10-2015	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



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



**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):

**DATAMASTER, ALCO-SENSOR IV W/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 05/10/2013  
 NUMBER 230085  
 EXPIRES 05/10/2015

  
 DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

  
 Acting Director  
 DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES  
 LAB-4 (R6-10)



**GUTH LABORATORIES, INC.**

580 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 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  $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$ , 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 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.*

AS IV Serial no: 182472  
Version no: 532B

TEST RECORD 00300

Temp	Date	Time	s/	210L
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Air Blank:  
12/30/14 14:41 .000  
Calibration Check:  
22 12/30/14 14:41 .098

Subject Name  
Test 1  
Subject I.D.  
Killingsworth, Ronald L.  
Operator Name, I.D.  
230085/05-10-15  
Location  
GCSO

AS IV Serial no: 182472  
Version no: 532B

TEST RECORD 00301

Temp	Date	Time	s/	210L
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Air Blank:  
12/30/14 14:43 .000  
Calibration Check:  
23 12/30/14 14:43 .098

Subject Name  
Test 2  
Subject I.D.  
Killingsworth, Ronald L.  
Operator Name, I.D.  
230085/05-10-15  
Location  
GCSO

AS IV Serial no: 182472  
Version no: 532B

TEST RECORD 00302

Temp	Date	Time	s/	210L
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Air Blank:  
12/30/14 14:45 .000  
Calibration Check:  
23 12/30/14 14:45 .099

Subject Name  
Test 3  
Subject I.D.  
Killingsworth, Ronald L.  
Operator Name, I.D.  
230085/05-10-15  
Location  
GCSO

AS IV Serial no: 102472  
Version no: 532B

TEST RECORD 00303

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

VOID: RFI  
12 12/30/14 14:46

Subject Name

RFI Test

Subject I.D.

Killingsworth, Ladd

Operator Name, I.D.

230085 / 05-10-15

Location

GLSO

AS IV Serial no: 102472  
Version no: 532B

TEST RECORD 00304

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

Air Blank:  
12/30/14 14:48 .000  
Calibration Check:  
24 12/30/14 14:48 .098

Subject Name

Accuracy check

Subject I.D.

Killingsworth, Ladd

Operator Name, I.D.

230085 / 05-10-15

Location

GLSO